# 23 DIY SPACE-SAVING IDEAS & PROJECTS From page 70



FOLD-UP WORKSHOP BENCH ON WHEELS

ESSENTIAL WINTER SURVIVAL GUIDE

Lay a new floor see page 28

**INSTALL A CLOTHES LINE** 

# SWAP OLD CARPET FOR FLOATING FLOORBOARDS









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Condensation

Mould

Peeling paint

### Your family could benefit, if they suffer from:







Respiratory problems



Damp musty odours



# MAY ISSUE







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COVER PHOTOGRAPHY SUE FERRIS



















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# LOVE THE COVER?

Update living spaces with floating floors and bold statement furniture





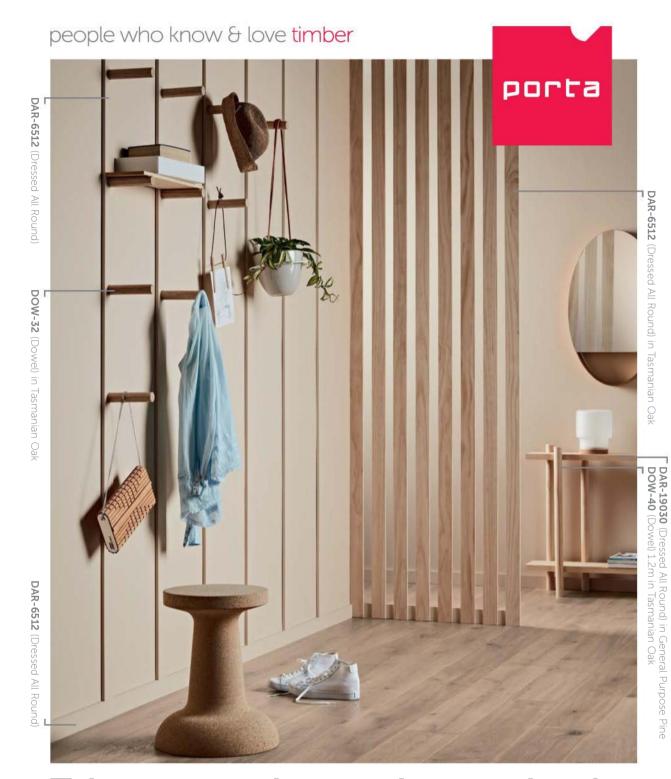
# TIMELESS

# **STARTS WITH CORINTHIAN**

THE MODA COLLECTION

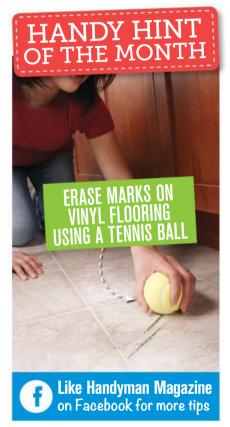
A door is a statement of what to expect as you enter a room. That's why Sally Klopper of Sally Caroline Interior Design starts with Corinthian's Moda Collection. With 24 timeless designs to choose from, a Moda door will be right at home in your home. To watch Sally talk about her timeless design principles, visit Corinthian.com.au





# Take your project to the next level with timber mouldings.

# O THIS ISSUE



# EDITOR'S LETTER





he floor is one of the most important surfaces in your home. I've lived with all carpet (not good with cat hair) and all tiles (a bit noisy) and definitely prefer the timber floorboards I have now.

Flooring is very much a personal choice and has to suit your household needs. But because it's seen as such a big job, many of us put off making any flooring changes.

It's not like you can walk on the walls while doing the floors, the way you can use a camping stove and the laundry sink while doing the kitchen.

Even so, it's much easier to update or replace flooring than you'd think, and there is lots you can DIY.

The first step is to choose the flooring that's right for you. For the latest trends and treatments, see page 18. And if you want to see a before and after makeover, turn to page 28.

#### Storage solutions

I have a lot of stuff, it's true. Although I declutter regularly, I admit I may have a teeny-tiny furniture problem.

I probably don't need a vintage sewing machine table or an old school desk or a ladies writing bureau. (Or the extra dining table in the garage.)

If you're the opposite of me and actually need furniture, senior editor Daniel turned a beautiful slab of timber into a desk and added floating shelves, on page 70. It looks designer but is surprisingly simple to do.

We also have off-the-shelf and DIY storage hacks for the kitchen, living spaces and wardrobe, on page 86, to help you get sorted and stay that way.

Happy DIYing,



### Product of the month

Say goodbye to brushes and rollers with the Flexio 990 Direct Feed Paint Sprayer from Wagner, \$369 (wagneraustralia.com.au).

Easy to use, it draws paint directly from the can, and you can spray vertically or horizontally, to get a smooth, professional finish on interior and exterior walls in half the time.

To quickly convert it into a handheld sprayer for smaller jobs, such as refinishing furniture, or for spraying lacquers, varnishes and stains, simply connect the second spray attachment.



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# Handyman

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# FAST FACT

Pumpkins, tomatoes, avocados and cucumbers are all technically fruits and not vegetables, as they contain the seeds of the plants.

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# MOTHER'S DAY GIFT GUIDE

\$10

Pick from our round-up of presents to make your mum feel extra special



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 GIVE a letter-writing mum a bottle of De Atramentis Chocolate Scented Brown Ink. notemaker.com.au

TREAT an artistic mum to a Renoir Adjustable Table Top Craft Easel, so she can paint anywhere. bunnings.com.au

 HANG bright artworks with Command Large Picture Hanging Strips. commandbrand.com.au



• INSPIRE Mum to DIY with the projects in the Recycled Home by Rebecca Proctor. upcyclestudio.com.au



• LEARN all about the art of paper flower making with Flowersmith by Jennifer Tran. hardiegrant.com.au



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The right flooring will elevate the look of interior spaces and provide comfort underfoot for years to come

**WORDS** SITA SIMONS

Traditional herringbone patterns are very much back in fashion.

he flooring you choose for your home is one of the most important design decisions you'll make, and will define the overall look of the space.

Australia's leading online platform in home renovation and design, Houzz, undertakes extensive surveys to award the Best of Houzz each year.

The people's choice awards for the best of flooring have revealed what is most popular underfoot.



## Classic timber

Over a third of the participants in the Best of Houzz 2017 survey liked timber as their top flooring choice.

There is good reason for the appeal of timber, whether laying new or refinishing existing floorboards.

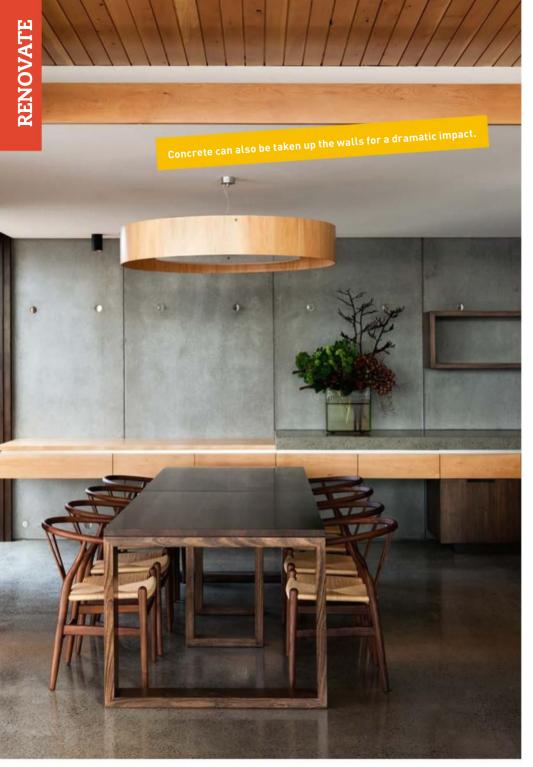
With a natural warmth and range of colours that will suit any interior, timber is the classic choice for many homeowners.

Modern stains and treatments mean that a wide range of colours and finishes are possible. Very light tones have been popular for several years, but darker stains are taking over as new interior trends emerge.

Unlike Baltic pine and Oregon soft timbers used in the past, hardwoods such as jarrah and blackbutt are now preferred for their durability.



Laying a herringbone pattern or using wide-format boards are modern updates for a timber floor





### **Cool concrete**

Although concrete is much more of a niche option, in a new, modern build or extension, there are many reasons to love a concrete floor.

The Best of Houzz 2017 reveals that the top motivations for flooring purchases are look and feel, durability and ease of care. A concrete floor hits all of these targets.

The clean and expansive look of a polished concrete floor adds a sense of spaciousness to any room.

Quite the opposite of being a cold choice, concrete is a warm material that doesn't show the dirt and is easy to clean and care for. The finish feels very pleasant underfoot.



With no cracks
or joins, concrete
is a smooth,
seamless and highly
durable choice for
modern interiors

Concrete care
It's a low-maintenance option,
but there are some things to
bear in mind to keep your concrete
floor looking its best.

Avoid coarse bristles and harsh cleaning products, and mop up spills as quickly as possible because concrete is porous. Use microfibre mops and pH neutral products.

Avoid wax products, as they can permanently damage the polished surface and void the warranty.

Degreasers should also be avoided because they are abrasive and can lead to losing the polished finish and dulling the whole floor.

When the floor has been installed and cured by an expert, concrete is generally very durable.



# SOME THINGS ARE JUST CRYSTAL CLEAR



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### Versatile tiles

For bathrooms, always coming out on top are ceramic or porcelain tiles, with a resounding 75% of Best of Houzz survey participants ticking this box.

Graphic patterns add instant appeal to an otherwise simple space, and can be particularly effective in small areas where the pattern doesn't overwhelm the other elements.

Overall, trends are for large-format tiles that can help a small bathroom appear larger and have fewer grout lines to break up the look.

Pressed and natural stone tiles such as marble are still very popular bathroom options.

Ceramic and porcelain
The most commonly used tile
type is ceramic. These tiles
can be either glazed or unglazed.
This essentially means the pattern
or glaze sits on top of the base, or
the biscuit, as it is called.

The other common choice is a porcelain tile. Porcelain is a more refined material and fired at a higher temperature than ceramic tiles.

This process makes porcelain more durable and harder than ceramic, so it's often more expensive.

Unlike a ceramic tile, where the pattern sits on the top, the pattern in a porcelain tile goes the whole way through.

Porcelain is usually preferred for bathrooms, as it is a dense material, which makes it almost waterproof.







#### SERIES

45.7cm x 45.7cm (5 tiles = 1sq. mtr)







Natural Wood Plank





Travertine Stone



SELF STICK Easy Installation



Black Marble



White Marble

#### SERIES 30

30.5cm x 30.5cm (10.75 tiles = 1sq. mtr)













Beige Stone





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Technological advances

Product research and development is delivering significant environmental, maintenance and aesthetic benefits to vinyl.

There is greater ability to custom design vinyl floors now by adding accent colours to standard lines.

Modern looks range from concrete, natural stone and timber to even distressed metals. This

new generation of surface finishes results in very realistic timber and ceramic design looks.

Performance has been improved in many ways, including wear and maintenance as well as acoustic and comfort underfoot.

There is a big push in the industry to use biodegradable plasticisers in the production of vinyl. These are renewable resources that make the material recyclable.



## Improved vinyl

Far from the garish and unpleasantly sticky linoleum of old, modern vinyl ranges have come a long way.

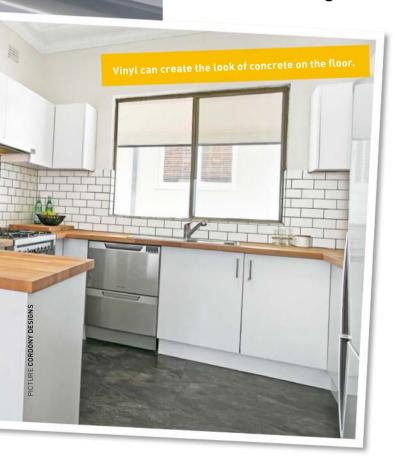
New and improved surface treatments and coatings, along with advanced laser technologies mean that both the quality and look of vinyl flooring is better than ever.

Available in sheet, plank and tile form, vinyl floors are excellent value for money and straightforward to DIY.

Particularly well suited to high traffic areas, vinyl is easy to clean, non-allergenic, chemical and fire resistant, and often recyclable. It's the flooring of the future for many.



Any effect can be achieved with vinyl due to better materials and technologies





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Whatever you clean, Oates cleans best!



# Cosy carpet

When the brief is for soft and luxurious underfoot, it has to be carpet. While we prefer hard flooring options in most areas, the Best of Houzz 2017 survey tells us that carpet is still number one in the bedroom.

Carpets are available in 100% wool, wool and nylon blends and many different synthetic fibres.

Wool is cool in summer and warm in winter, but it can be costly. Solution-dyed nylons are cheaper, but are also soft to touch and have good fade resistance.

For high-traffic areas, choose a varn-dense carpet. The heavier the sample, the more yarn it's likely to have.



stars for overall durability and ability to retain appearance.

Look for a carpet that has a yellow and blue residential rating label for home interiors. If you're carpeting stairs, ensure the product has a stairs rating. winners in the Best Of Houzz Design Awards 2017.

Visit Houzz Australia online (houzz.com.au) for all your home renovation and design inspiration, plus handy guides, expert articles and a directory of tradespeople.

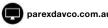


# Davco has a large range of tile adhesives suitable for all types of tiles, applications and substrates

Choosing the right tile adhesive is essential to ensure a long-lasting installation. Tile adhesives are used to bond, or glue, tiles onto a surface or substrate. Because surfaces, substrates, tiles, areas and even tiling conditions don't share the same characteristics they have different adhesive requirements.

Visit your local Bunnings Warehouse to find the right tile adhesive for your project.











# TREAD S BOARDS

A new laminate floor transforms a top-floor duplex in just one day

**WORDS SITA SIMONS PICTURES SUE FERRIS STYLING ARTEMIS GOUROS** 

he carpet in this home in Sydney's inner west had been in place for about two decades and was overdue for an upgrade.

Carpet has become less popular for high-traffic areas and living spaces and is mostly used in bedrooms, as it can cause issues for people who suffer from allergies and have pets, as it ages. Underneath the old carpet in this three-bedroom top-floor duplex was a particleboard substrate floor, which is a good base for laminate boards, also called a floating floor.

Laminate boards usually come prefinished and are easy to lay DIY, as they have a tongue-and-groove system, or can be installed by the supplier.





Swap old carpet for easy-to-clean laminate boards and get the designer look on a budget











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NAIL HOLES



JOINTS



**SCRATCHES** 

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For most scratches rub the stick over the damaged area. For larger, deeper indentations where Timbermate Waterbased Woodfiller cannot be used, heat a knife blade with a flame and fill damaged area with hot wax.



There is no beeswax in WAXSTIX® which means they will readily accept coatings.

# Colours to suit almost any timber

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### How to install

Floating floorboards click into each other, which eliminates the need for fasteners or adhesives.

Lay the first row square to a side wall, then in a staggered pattern with overlaps of at least 250mm, checking for square every 5-6 rows.

Position each board to be laid at an angle of 20-30° to the boards that are already installed.

Insert the tongue into the groove, then move the board gently up and down while pushing forward and it will click into place.

To tighten the joint, gently tap the board along the side and ends.

Minimise gaps at the end joints by positioning end-to-end boards as close together as possible.



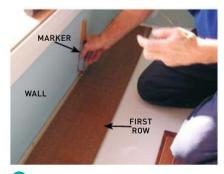
Laminate boards are designed to look like timber and are also very durable





#### Prepare the doorjambs

To trim the base of the doorjambs to allow the new floor to fit underneath, position an offcut of the flooring and underlay next to the jamb to determine the height. Carefully trim the base of the doorjamb using a handsaw.



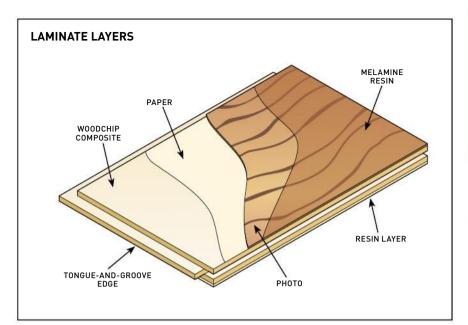
#### Scribe the first row

Trim the first row of boards to align with the wall. To scribe the boards, tape a permanent marker to a narrow timber block, sliding it along the wall above the flooring so the pen marks a corresponding line on the boards.



#### **3** Position the boards

Use spacers to keep the boards away from the wall for an expansion gap of up to 15mm. Lay the floorboards in sequence, keeping the tongue against the wall, joining the long sides first and leaving a small gap at the end.



## Laminate composition

One of the most cost effective of all timber-look options, laminate flooring does not use any solid timber in its construction.

It consists of a base layer of moisture-resistant resins topped by a woodchip composite layer then a high-definition image of timber, ceramic or stone that's covered in tough melamine resin.

This type of flooring is installed floating on top of an existing floor without adhering to the substrate.

Laminate boards feature designs that resemble popular timber species or other textures such as stone.

The boards are made of MDF and have a melamine resin layer on either side, which covers and protects a photographic layer.



#### Tighten the joints

Tap the long sides of the boards together using a tapping block and hammer. Reposition the block at the open end of the board, tapping until the end join butts tightly and working across to complete one row at a time.



#### **5** Position the end boards

To install the last board, hook a pulling bar over the end of the board, then tap the upturned edge with a hammer to pull the board into position. When all the boards are laid in position, replace the skirting boards. •



bunnings.com.au

DUNLO



Timber boards are a popular flooring choice, as they are both attractive and durable.

To maintain timber floors and prevent staining or warping the boards, avoid using barsh chemicals.

prevent staining or warping the boards, avoid using harsh chemicals or too much water, following these simple cleaning steps instead.

### What you need

Vacuum cleaner Mop Bucket Warm water Six drops of dishwashing

JIX urups of dishwashing detergent or half a cup of white vinegar











#### Clear the area

Before you start cleaning, remove any furniture from the room that you can, being careful not to scratch the floor. Clearing the area will make cleaning the floor much easier. Vacuum the floor thoroughly to remove any dirt and dust.



#### Prepare the solution

To make a floor-cleaning solution, half-fill a mop bucket with warm water. Add six drops of dishwashing detergent or half a cup of white vinegar to the water. Give the water a thorough stir with the mop to mix the solution.



#### **3** Mop the floorboards

Dip the bottom quarter of the mop into the solution, then wring out any excess water. Starting in the furthest corner from the door to avoid walking over cleaned sections, mop along the grain of the boards, rinsing and wringing the mop as needed.



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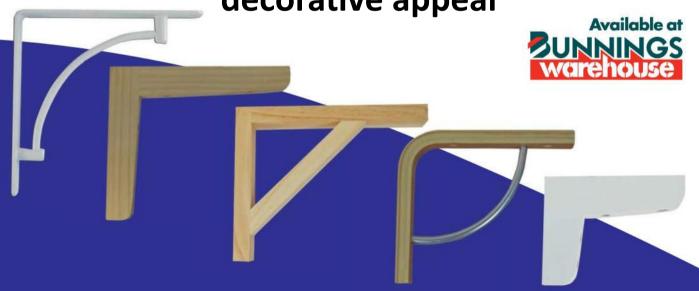


<sup>\*</sup> The Black & Decker® steam-mop™ will kill 99.9% of common household germs and bacteria, such as Salmonella and E.Coli, provided the floor surface is visually clean and the steam mop is used as directed in the instruction manual.



### 

**Combines functionality with** decorative appeal







✓ Durability



Strength



The architectural style of the home is the first factor when choosing windows. Big sash-less windows are the go-to for modern builds, with the philosophy being less frame, more glass.

This look isn't for everyone, and period homes in particular suit more character-appropriate solutions. But even an older-style window, such as a panelled sash type, can be built to much higher specifications today.

In new homes, floor-to-ceiling windows are used to maximise natural light and bring the views into direct relationship with the home.

Large square windows offer kerb appeal, while wide picture windows guide the eye across a landscape.

Large panels of glass benefit from colour-coordinated frames to provide visual coherence.

Showroom or online?
It can be difficult to imagine the impact window choices will have, so taking the time to visit showrooms can be helpful.

Talking to manufacturers and installers in person at showrooms will yield lots of useful information.

And being able to physically see and touch windows will give you a good idea of their quality.

If looking online, use sites that show windows in situ in homes. Check all the specification details to make sure the product fits your needs before buying.



### **Check quality**

The material of the frame and the rating of the glass all define the quality of the window.

Timber frames look great and have a classic appeal, and offer good thermal efficiency, but they are costly and do require maintenance.

Aluminium frames can be among the cheapest and are also hardwearing and low maintenance, but they can degenerate over time.

Steel, powdercoated and anodised aluminium frames are suitable for very large windows, as they're the strongest. They can also be custom-coloured to match the exterior of the home.





are what you're looking for, fixed windows will not be appropriate, while sliding, bifold, casement, louvre and awning windows will all fit the bill nicely.

Here are the basics of window compliance. For more info, visit the Australian Window Association at awa.org.au. • SAFETY Screening and other restrictions reduce the risk of children falling from windows. **© ENERGY** Windows must match or exceed the specified U-value, the measure of heat conduction, to meet thermal requirements. • BUSHFIRE Mandatory window and door requirements exist for locations in bushfire-prone areas. ONOISE Homes in a transport noise corridor must comply with minimum acoustic requirements.

Privacy needs often dictate window choices.

## Standards and regulations

All windows need to comply with various codes and regulations set out by The Building Code of Australia, most of which relate to the climate zone in which you live and the safety requirements of the property.

Non-compliance can cost dearly in the long run, with new builds or renovations failing to certify, as well as risking compromised safety and poor thermal performance.

All manufacturers are required to supply windows and doors with performance labels attached to them.

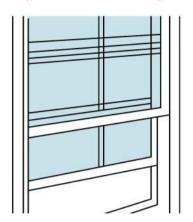
These labels confirm that the products are certified to comply with relevant standards and regulations.

In addition, all suppliers must be able to verify compliance by providing a Certificate of Compliance on request. Check your installer can and will supply all the paperwork. >

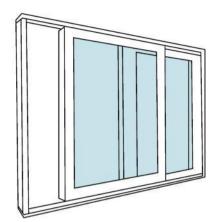




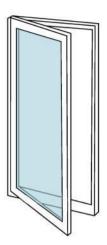
### Styles and types of windows



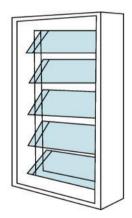
• DOUBLE HUNG OR SASH windows open vertically. Both sashes of the window usually slide, and screens can be installed outside the window frame.



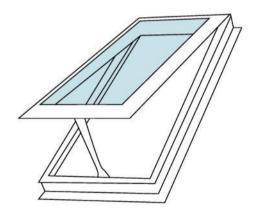
OSLIDING windows open horizontally, and can feature two or more sashes. They offer a clear opening and provide good ventilation.



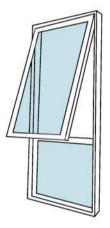
© CASEMENT windows are hinged at the sides and open outwards, with screens on the inside. They can offer some ventilation advantages in certain situations.



• LOUVRE windows feature a series of blades that tilt to open, which can be made of aluminium, glass or timber. They are opened by a handle, lever or remote control.



SKYLIGHTS AND ROOF
LANTERNS generally allow
much more light into a room than
windows, which is due to their
access to direct sunlight.



• AWNING windows are hinged at the top, and open outwards. They come in a variety of different shapes and configurations and are ideal for wet weather.

Approximately 40% of all the energy consumed in homes in this country is used for cooling and heating the interior.

The vast majority of heat loss and heat gain comes from windows, so choosing energy-efficient windows

can have a real effect on power bills, as well as your comfort indoors.

The design, glass type, glazing, and seals determine how energy efficient the window is.

In many parts of the country, the priority is to keep solar heat out of the home, except during the colder months, when free solar heat gain and retention of warmth in the house become important.

Ideally, this calls for strong solar protection on east and west windows, but deliberate use of free sunlight from northerly windows. Choose solutions depending on the orientation.





- Mould resistant
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# WINDOW WOW

Control light and privacy with window treatments designed for contemporary interior spaces



Blinds are an easy way to give interiors a designer look on a budget.

Simple to install, versatile blinds come in a wide range of sizes, styles and colours, in timber and fabric, and are also low-maintenance.

Choose blockout blinds for maximum privacy or venetians for more control over light.

#### **Energy saver**

Add another layer of insulation with Cellular Boston Blinds.

These fabric blinds have a honeycomb structure that helps keep cool air in during summer and warm air out during winter.

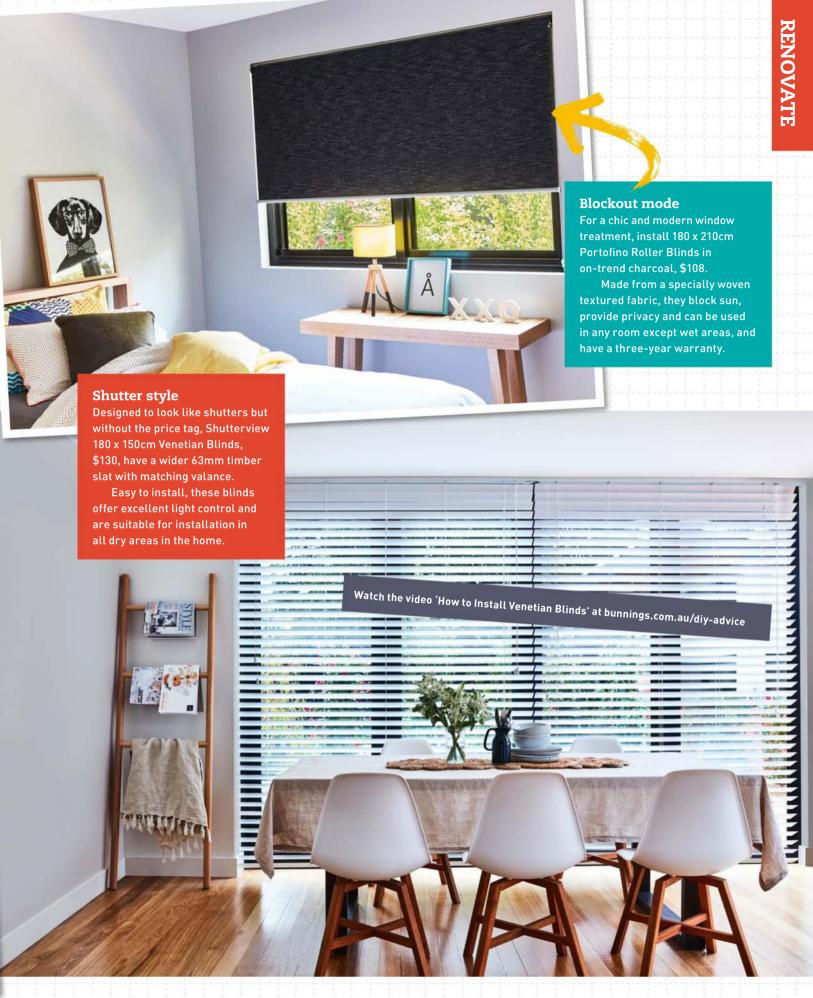
Get 100% light blockout and contemporary style for \$169 for a 180 x 210cm blind.

#### Colour match

Special technology matches Elegance Blockout Roller Blinds, \$178 for a 240 x 240cm blind, to the popular Dulux paint colours Tranquil Retreat, Natural White and Hog Bristle Quarter.

Featuring an extra-long drop, these easy-clean fabric blinds are also suitable for wet areas.





# FRESH OUTLOOK

Replace old curtains with a modern venetian blind for an easy update

**PROJECT LEE DASHIELL MAIN PICTURES GEOFF BECK** 

eavy curtains in a 1980s-style floral fabric, an outsized pelmet and walls painted in a dark colour made this bedroom feel small, dated and dimly lit.

Painting the walls in a light shade, leaving a feature wall to introduce

a shot of colour, and replacing the curtains with a timber venetian blind brightened up the room.

The timber blind adds a natural texture to the interior and the slats are highly effective at controlling how much sunlight gets into the room.



Bring a light and airy feel to a room with a coat of paint and a timber blind









#### Secure the end brackets

Measure and mark the positions for the end brackets with a pencil. Drill pilot holes, then secure each bracket to the wall using the supplied screws, ensuring that the brackets both open at the front.



#### Install the head rail

Measure and mark the positions for the centre brackets, then secure to the wall using the supplied screws. Open the brackets and install the head rail, making sure the cord lock and tilt cord are facing to the front.



#### Attach the valance

Screw the L brackets to the valance returns, then attach the valance to the head rail. Install the cord cleat to the architrave or wall at least 1600mm above floor level to ensure the cord can be kept taut and secure.



### **SAFETY TIP**

Hanging cords on blinds present a hazard to small children, so get into the habit of wrapping excess cord around the cleat.

Timber blinds enhance the room and allow better control over privacy and light levels than curtains.

# LEE'S PICKS



MAGNOLIA

Zone Interiors 150 x 210cm Madison Western Red Cedar 45mm Venetian Blind, \$230. zoneinteriors.com.au





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**Knitting Tote** 





**Craft Carryall** 

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### DIY TIP

Use a soft cloth and a little extra-whitening toothpaste, not gel, to buff windowpanes and erase any shallow scratches.

# WINDOW FIXES

Repair common problems with old timber windows to keep the classic charm of your home intact

Install a timber window frame
Visit handyman.net.au/timber-frame

eeping timber-framed windows looking like new requires a little TLC. But just following a few simple tips and tricks will ensure that yours stand the test of time.

A broken pane, neglected sill or signs of rot don't have to mean you need to break the bank replacing them. You can fix these issues DIY in a weekend with these easy steps.

TIP Windowsills and frames should be checked regularly, as flaking or peeling paint can be signs of rot.

### Simple solutions

It's important to keep silicone or putty in tiptop condition. In addition to preventing draughts, they both also prevent water from soaking into the frames and causing them to rot.

Replace cracked or brittle putty by carefully chipping it out with a chisel and spreading on a new coat. Knead the putty to soften it, then squeeze a bead into the frame with your thumb, using a putty knife to smooth it out.

Clean the windows by vacuuming up any dirt, then wipe over them with a soft cloth dipped in warm water and dishwashing liquid, adding a little vinegar if they're very dirty.

Finish by rubbing the windowpanes dry with scrunched-up newspaper.



Wash windows every few months, or more often if situated on a busy road



**REPLACE A WINDOWPANE** Use the old pane as a guide to buy a new pane of glass from a supplier, or measure the opening between the rebates, then deduct 3mm from either side to allow for clearance and simple installation.



#### 1 Remove the old pane

Use a putty knife and a hammer to scrape out the old putty, then pull out the glazier's points or nails with pliers. Carefully remove the pane of glass.

TIP Remove the sash to work on a flat surface without obstruction.



#### Repair the frame

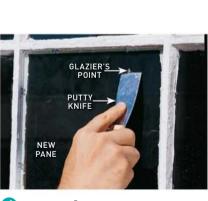
Use timber filler to repair any gaps or damaged areas on the window frame. Allow to dry, then sand flush with the timber. Paint the filled sections and any unfinished timber with primer, sealer and undercoat.



#### **3** Position the new pane

Apply putty in the channel around the opening using a putty knife. Carefully position the new pane in the channel, pressing it firmly against the putty to form an even layer of filler underneath the edges of the glass.





#### **4** Secure the pane

Use a stiff putty knife or screwdriver to press glazier's points or nails into the frame and against the glass, using at least two a side and spacing them about 100mm apart. Scrape away excess product with the putty knife.



#### **5** Seal the frame

Apply putty over the edges of the glass using a putty knife held at an angle and working from the corners to ensure it is not visible from inside. Allow to cure for at least a week before painting the timber frames.



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### Sticky windows

Weather conditions and house settling can cause timber casement windows to swell or stick, making them difficult to open or close.

Pinpoint any problem spots by slipping a piece of carbon paper, available from office supply stores, between the window and the frame around its perimeter, opening and closing the window as you go.

Carbon marks on the frame reveal where the window is binding. Sand or plane the high spots, then touch up the bare timber.

Lubricating the channels of a window that has become stiff with silicone spray or a bar of soap can also help them run smoothly.



Ensure windows are regularly maintained for ease of use and to prolong their life



**INSTALL A NEW SILL** A window frame usually has a sill, a base, two stiles and a head. The corners of the frame are connected using housing joints that are primed and secured with galvanised hardware.



#### Remove the old sill

Use a chisel and a hammer to remove the old sill from under the window frame. Use a pinch bar to separate the sill from the other parts of the frame. TIP Cut away any stubborn nails or hardware using a hacksaw.



#### Cut a new sill

Using the old sill as a template, cut a new sill from timber of the same thickness. Sand with 180 grit paper, rounding over the edges slightly. Apply a coat of timber preservative to prevent rot or water damage.



#### 3 Install the sill

Position the sill. Drill 2mm pilot holes and secure with 65 x 2.8mm galvanised nails. Punch in the nail heads, fill with timber putty, then sand smooth. Apply a paintable exterior sealant to fill any gaps, then sand, prime and paint.



### Repair rotten timber

Rotten windowsills and frames can be rebuilt using liquid hardener and a two-part epoxy filler.

Ideal for filling rotten areas in timber, epoxy fillers can be shaped when they are partially dry.

They can be mixed to set quickly or slowly and, once dry, can be sanded, drilled and painted like the timber surrounding the repaired area.



#### Prepare the area

Strip the paint, then use a chisel or a wire brush to dig out the worst of the rot. Dry out wet timber with a hot-air gun. Apply liquid hardener to the area with a brush until it stops soaking in, then leave to harden overnight.

Build up the rotten areas progressively, applying layers of epoxy if the damage is deep, and protect the rest of the timber with preservative before you repaint.

If you have to reconstruct a corner or a deep hole in a timber frame or sill, put in a couple of screws first so the filler will have something to hold onto for a longer-lasting finish.



#### Fill with epoxy

Apply the epoxy filler with a scraper, mixing a little at a time to keep it workable, as it can harden quickly. Allow to cure, then coat the remaining timber in preservative to prevent rot. Sand and paint the repaired timber.



### **WOOD HARDENER**

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Earl's® Wood Hardener penetrates into soft rotted wood fibres, restoring them to near original strength. This means you can repair even the most damaged wood, ready for full restoration.

#### **NO NEED TO DIG OUT ROT**

#### IT'S AS SIMPLE AS 1, 2, 3

- 1. Simply apply, allow to dry
- 2. Fill with Earl's MulTFill or Earl's Powder Putty
- 3. Paint





**BEFORE** 

AFIER

\* Area shown has been treated with Earl's" Wood Hardener and the filled with Earl's" MulTFill and painted.

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Hardwood floors can be sanded and resealed over

and over again, whereas engineered boards can only be restored two to three times.

Floorboards are ideal for most areas of the home.

Until about the mid 15th century, the floors in many houses were made from dirt, stone or concrete.

Floorboards first saw widespread use when upper storeys in homes became more common. Early floorboards were hand-sawn and difficult to install, so wide planks were chosen to save time.

Floorboards became more widely used when Europeans colonised the Americas and took advantage of the abundance of available timber.

But they remained a flooring option mainly for the wealthy and weren't mass-produced until the late 19th century.

Hardwood floors, such as jarrah, blackbutt and oak, are very durable, and can last for decades when given the right care. Original floorboards can still be found in many period homes across the country.

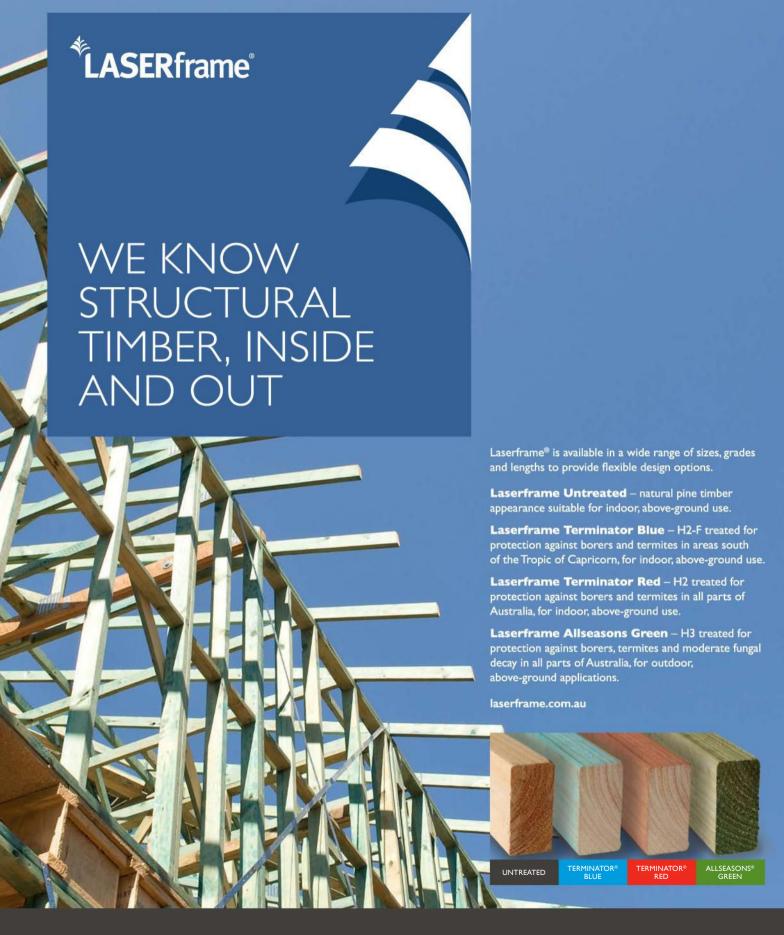
Today, modern timber floors often feature tongue and groove profiled edges for easier DIY installation.

## Alternative choices

Timber is a timeless and elegant flooring option.

◆ LAMINATE boards feature an MDF base that is printed with a high-definition image to resemble real timber.

ENGINEERED boards have a plywood or an MDF base with a timber veneer on the top.
 BAMB00 boards are made by weaving strands together, then planing and sealing them.



# \*BASIC SKILLS

Angle grinder

Tough tool

Angle grinders are ideal for working with hard materials such as metal, tiles and masonry. They operate at high speeds and can be equipped with a variety of wheels for cutting, grinding and polishing.

Metal cutting wheels are used for rough cuts of pipe, angle and rods, while thicker grinding wheels are used for smoothing out cuts and welds.

Continuous rim diamond blades slice through ceramic tiles, stone and fibre cement, while multi-cutting blades can be used for aluminium, plastics, fibreglass and particleboard.

Angle grinders are a leading cause of DIY accidents, so always wear safety goggles, a dust mask, gloves and hearing protection, and ensure the wheel guard is always in place.



U Learn more about grinders
Visit handyman.net.au/grinders



#### **MAKE CUT-OUTS IN TILES**

Mark the cut-out on the front and back of the tile, then score the front with a continuous rim diamond tile-cutting blade. Turn over the tile and plunge cut from the back, stopping when the cut lines up with the marked corners. Avoid applying too much pressure, as this can cause the tile to crack.



#### © CUT THROUGH METAL

Attach a metal cutting wheel to the grinder. Clamp the workpiece, then lower the grinder onto the metal without applying too much pressure, allowing the weight of the tool to do most of the work. Change to a reinforced metal grinding wheel to tidy up sharp burrs.



#### REMOVE OLD PAINT

To prepare metal surfaces such as gates or outdoor furniture for repainting, old paint needs to be removed first to prevent the new paint from flaking. Use a wire cup brush over broad, flat areas and a wire wheel in crevices and tight corners. Ensure the attachment spins away from the edges to avoid kickback.



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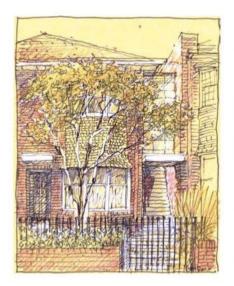


# DUPLEX IN ECITY

A heritage building in an urban area gets a very modern upgrade without losing any of its charm

**WORDS SITA SIMONS PICTURES JUSTIN ALEXANDER AND EDWARD BIRCH** 





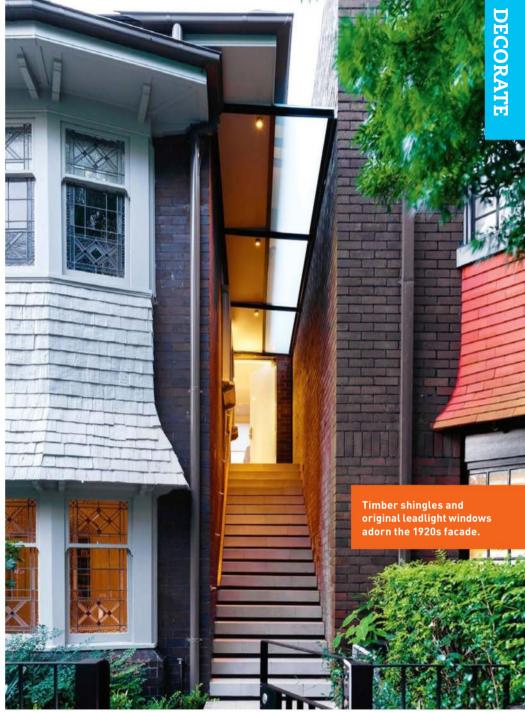
s our cities grow, so does the demand for high-density housing, which translates into a need for more apartments and that other popular solution, the duplex.

This 1920s property on the fringe of the Sydney CBD was originally a two-storey, two-apartment duplex.

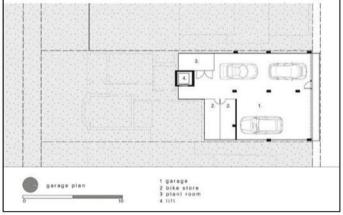
Architects Luigi Rosselli and Jane McNeill transformed it into a strikingly modern home without losing any of its heritage charm.

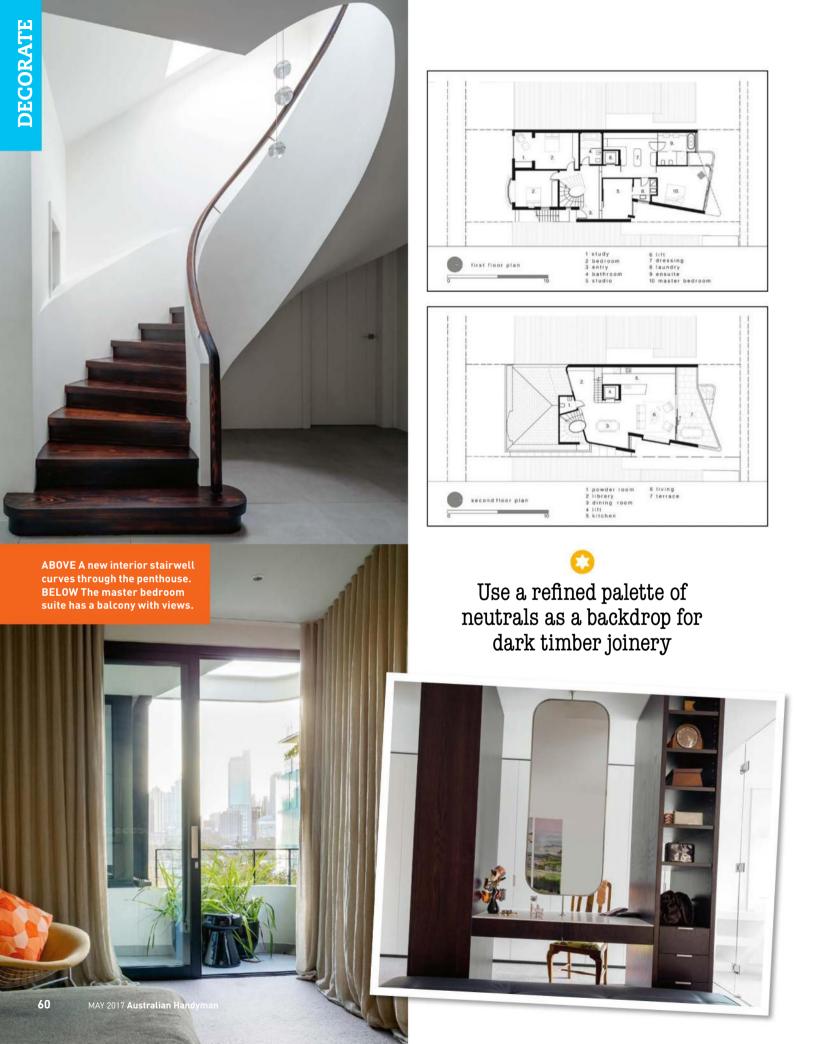
They demolished 40% of the original building, leaving the front intact and replacing the back, and in the process added two storeys.

The building now has a communal garage with storage, a 255sqm two-level penthouse with a rooftop garden and a 145sqm ground-floor apartment. An internal lift services all four levels.











#### Penthouse appeal

In the penthouse, two bedrooms and a main bathroom are located in the original part of the building, with the master bedroom and generous ensuite in the new rear addition.

Locating the sleeping areas on the first floor and the kitchen and living areas on the second allowed Luigi and Jane to maximise privacy.

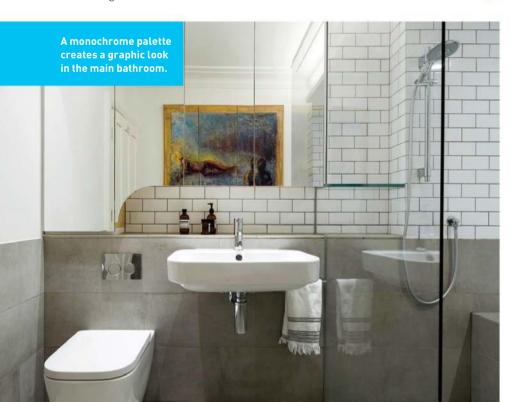
The position of walls, particularly common ones, and the position of rooms can both make a huge impact on living conditions.

Working multiple well-appointed bathrooms into a limited floorplan also requires clever solutions.

The main bathroom features metro-style tiles with the tight grout lines characteristic of the period, while the ensuite has untiled walls for a more modern aesthetic.

An angular Corian benchtop appears to float in the space, and lines are kept clean with shelves built into one side for style and function.

A customised dressing table sits between the ensuite and bedroom.













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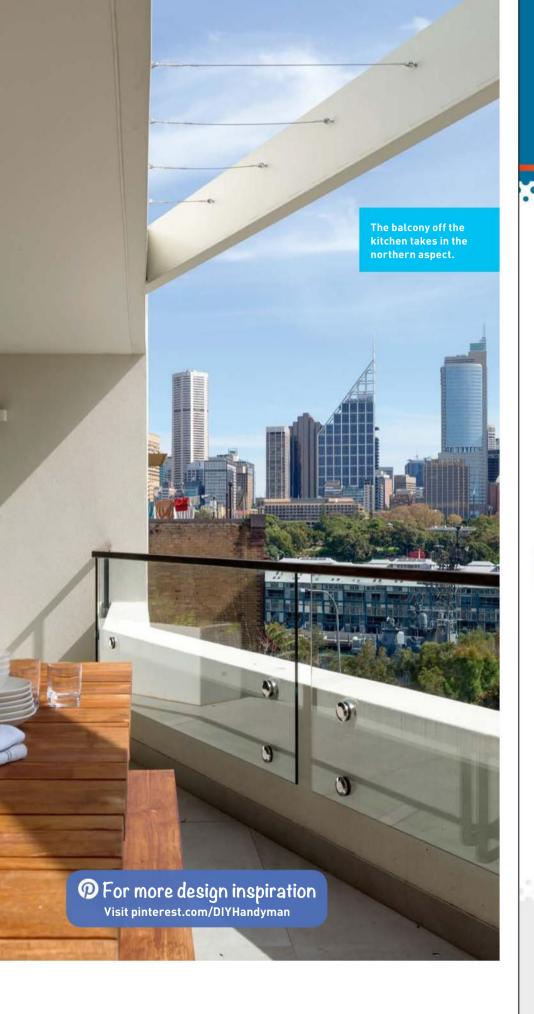


#### Communal areas

The open-plan kitchen, dining and living areas were located on the top floor of the penthouse to open onto the terrace and capitalise on the expansive views of the city.

A simple galley design, the kitchen also features the dark American oak used elsewhere in the house, which contrasts beautifully with the sleek white cabinetry. An extension to the island bench creates informal seating.

A custom-made glazed ceramic tile splashback lends a unique design element. It came as a fixed module, but Jane took it apart and reconfigured each tile to create a personalised artwork for the owner.





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#### **Maximising space**

Space is always at a premium in an apartment and every configuration was maximised, with no potential on the floorplan wasted.

A nook located next to a Jacob's ladder staircase leading to the rooftop garden was utilised as a library and quiet reading room.

Style-wise, Jane's deft touch is seen in the treatment of the interior. Fabrics create textural layers that give the modern shell warmth and personality.

While being careful not to mimic the period style of the original house, a mid-century modern aesthetic is clear, with nods to Art Deco in the lighting and decorative accents.



Designing to suit individual needs creates spaces with lots of charm





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DIY screening made easy – Josh and Jenna show you how at www.protectoraluminium.com.au







#### **Balcony beauty**

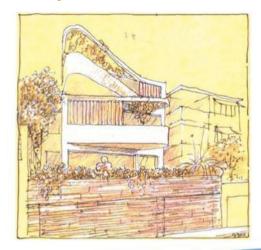
Luigi is renowned for incorporating curves in his designs, and the scissor balconies that extend to provide outdoor space also serve to create a distinctive form and presence.

The balconies are angled to offer side views while maintaining the rear alignment of the building with the neighbouring properties.

While the generous balconies all offer wonderful views, the rooftop garden boasts a full 360° vista, which takes in the city, the harbour and the famous Harbour Bridge.

Over time, the rooftop landscaping will grow and take shape to contribute to the architecture.

Luigi Rosselli Architects, Sydney. luigirosselli.com













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# MOOD LIGHTING

Transform interior spaces with designer-look pendant lights and statement floor lamps





# HOME OFFICE MAKEOVER

Transform a small study with a feature wall, floating shelves and a custom-cut desktop

**PROJECT DANIEL BUTKOVICH PICTURES SUE FERRIS** 

he tiny study nook in this apartment was plain and lacked adequate storage, limiting its suitability as a home office.

To make the space more appealing, a modern feature wall was created to form a backdrop for the workspace.

A large desktop was made out of a timber slab, which was positioned on top of two metal filing cabinets.

Rustic shelves built from recycled timber were then installed on the wall above the desk using brackets made from pipe fittings to create a more organised environment.



### DANIEL'S PICKS







## After

The workspace is now streamlined and inclined and inclined and inclined and texture

Mich College Street

Verve Design 34cm Black Nixon Table Lamp, \$36. bunnings.com.au

Scheurich 16 x 13cm Alaska Glazed Indoor Pot, \$14. tuscanpath.com.au

Watch the video online
Visit handyman.net.au/home-office

#### Timber desk

A red cedar slab was sourced from a timber supplier, then cut to fit between two walls in the room.

It was then sanded, varnished and positioned on top of two filing cabinets at either side, which meant it didn't need to be secured to the wall.

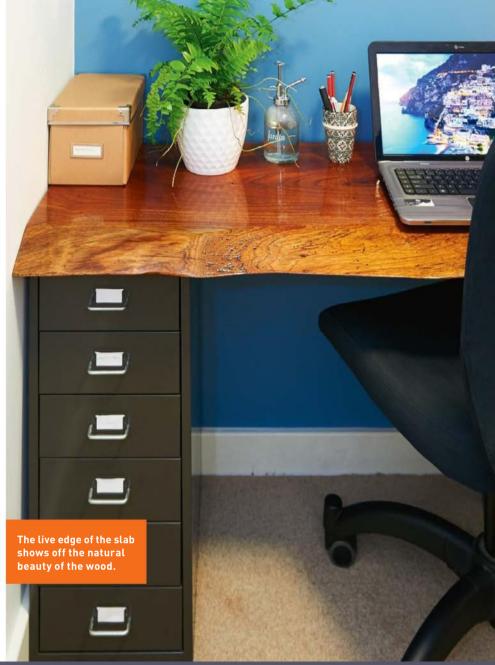
Rubber mats were placed on top of each of the metal cabinets to help protect the surface and also prevent the desktop from moving.

The slab featured two live edges that follow the profile of the tree. One edge was cut at the mill to allow the desk to sit flush against the wall.

The other edge of the desk was left natural, with the bark sanded smooth to reveal the contours of the timber. Natural imperfections were left unfilled to retain the character.



The key to a flawless finish is to ensure the surface is entirely free of dust before varnishing





#### Out the slab

Measure the width of the room, then deduct 10mm from this measurement. Use a combination square to mark the measurement on the slab. Clamp a straightedge to the timber, then cut it to size using a circular saw.



#### Sand the timber

Use a random orbital sander and an 80 grit pad to sand the slab to remove any saw marks. Change to a 120 grit pad and sand smooth before moving on to a 180 grit pad. Finally, hand sand using 240 grit paper.



#### **3** Apply the finish

Wipe the surface clean using a tack cloth to remove all sanding dust.
Use a paintbrush to apply three coats of an oil-based clear gloss varnish in long even strokes. Sand lightly with 240 grit paper in between coats.

#### Paint the feature wall



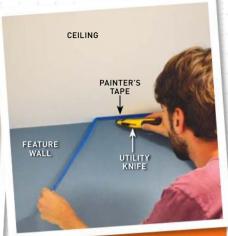
# 1 Cut in with a brush Apply painter's tape along the adjoining walls, ceiling and skirting boards to protect them from paint. Use a paintbrush to cut

in around the edges of the wall.



# 2 Paint the wall Use a roller to apply two coats of paint to the wall. Start at the top corner and work in 1sqm sections at a time. Maintain a wet edge

when painting the next section.



3 Remove the tape
After 24 hours, use a sharp utility
knife to slice through the thin film
of paint between the wall and the
painter's tape, then carefully pull
the tape away at a 45° angle.



#### **Rustic shelves**

To take advantage of vertical space in the small room, floating shelves were made from reclaimed timber.

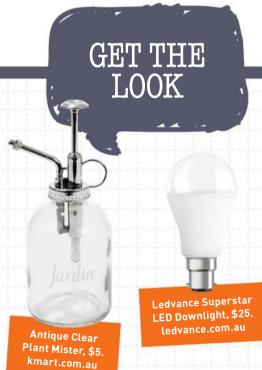
Old cypress pine planks were sourced from a timber recycler, with bolt holes, dents and scratches from decades of use giving the timber a rustic look. The rough surfaces were sanded smooth to reveal the grain.

The planks were coated with Danish oil, which both protects the timber and enhances its aged grain to give it more character.

Shelf brackets were made from galvanised pipe fittings, which were painted matt black. The brackets were secured to the wall with screws and the shelves were positioned on top.



Pair recycled timber with matt black metal brackets for a modern industrial feel







## 4

## MAKE THE SHELVES



#### Sand the timber

Use a belt sander and a 120 grit belt to remove the rough surfaces of the planks. Switch to a random orbital sander with a 120 grit pad to remove the belt sander marks, then sand smooth using a 180 grit pad. Avoid sanding too deep to maintain the character of the recycled timber.



#### 4 Assemble the brackets

Screw the end cap onto one end of the pipe, then screw the other end of the pipe into the flange until tight. Position the brackets upright and spray with matt black paint, ensuring all sides are coated. TIP Make a spray booth from an old

cardboard box to prevent overspray.



#### 2 Cut the shelves

Create a neat edge by cutting 10mm off one end of each plank using a circular saw. Measure the width of the room, then deduct 10mm from this measurement. Mark the timber and cut the planks to size.

TIP Clamp a cutting guide to the planks for a straight cut.



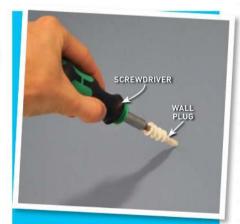
#### **5** Mount the shelves

Locate the wall studs, then drill pilot holes into the studs using a 3mm drill bit. Drive 10g x 45mm wafer-head screws through the holes in the flange into the wall studs to secure the brackets. Once the brackets are secure, position the planks on top to form the shelves.



#### 3 Apply the finish

Wipe the surface clean using a tack cloth to remove all dust. Position the planks on two sawhorses, then apply two coats of Danish oil to each side of the timber planks using a paintbrush. Allow the first coat to dry for at least 12 hours before applying the second coat.



Using wall plugs
If no studs are suitable,
mark the hole locations
on the wall, then drive wall plugs
into the plasterboard using
a Phillips head screwdriver.

Secure the brackets to the plugs using screws. Limit the weight of the shelf, brackets and contents to 10kg per plug.

# **STYLE TIP** Personalise an all-white home office space by adding items such as a favourite photograph or lamp and greenery. SET UP A SMALL WORKSPACE Convert a little-used space into a study area by adding a floating desk **PROJECT GEMA BENEITEZ PICTURES SUE FERRIS**





Kaboodle 2400 x 600mm Coconut Ice Benchtop, \$238. kaboodle.com.au









Grow herbs in any space with Mr. Fothergill's Kitchen Herb Planter Kit, \$12.98.



Add ambience with a Rouge Living 29cm Muse Table Lamp, \$49.90.



Treat your handy mum to the easy-to-use Ozito 8-14mm
Staple Nail Gun, \$39.



Frame special memories with the Kids Projects Plaster Handprint Kit, \$17.38.



Store small parts for DIY and craft in the Tactix Three-layer Cantilever Multifunction Tool Box, \$19.98.



Set up cafe-style morning or afternoon teas with a Boyle Timber Cupcake Stand, \$9.95.



Trim the garden in comfort with the ergonomic Fiskars
Bypass Pruner, \$25.98.

Position timber stakes at either end of a hedge and tie a stringline, pulling it taut to create a cutting guide for an even trim every time.



Shape and sculpt hedges with the Ozito 550W 450mm Electric Hedge Trimmer, \$74.





Style an outdoor room with Matrix 58 x 58cm Charcoal Lotus Wall Art panels, \$26.96 each.



#### DIY TIP

To mount wall art to a brick wall, drill holes with a masonry bit, insert wall plugs and secure using screws for a stable design.





Welcome guests with the Madras Link 45 x 75cm Vinyl Backed Hello Outdoor Mat, \$17.90.



Frame a view or create a garden scene with the Gardman 2.3 x 1.2m Nature Arch, \$120.





workstation featuring built-in storage

his mobile workbench is the ideal solution for when space is tight. It opens up to a solid 2100 x 1200mm surface when both wings are raised and folds to fit into a compact 1200 x 450mm space.

The exposed edges of the bench and the upper shelf are concealed with strips of hardwood edging.

Building the bench is easy, using plywood, MDF or particleboard. All it takes is careful measuring, straight cuts, nailing and screwing, with no complex joint construction.



Set up a portable workstation in the home, shed or garage



## BUILD THE BENCH



#### **1** Assemble the frame

Secure the upper and lower shelf supports to the sides using adhesive and bullethead nails, then secure the lower and upper shelves to the sides using adhesive and nails. Attach the base and top to the sides using adhesive and nails. Rip 19 x 6mm and 32 x 6mm edging on a tablesaw.



#### 4 Fit the hinges

Turn the bench onto its side, then align each folding top with the frame of the bench so the piano hinge fits. Align the screw holes using a centre punch. Secure the hinges in position with the screws provided.

TIP Use a self-centring drill bit to secure the hinge faster.



#### Secure the castors

Turn the assembly upside down and align the castor bases with the outer edges of the base. Drill 4mm pilot holes on the outer edge and secure the castors using coach screws, then drill 6mm pilot holes and secure with cuphead bolts and nuts and washers for the inner fasteners.



#### **5** Install the cam locks

Use spade bits to drill holes for cam locks into each folding top on the outer edge. The 28mm diameter recess is 6mm deep and hides the lock. The second 19mm diameter hole goes through to the other side and supports the lock shaft. Follow the directions for mounting the lock and lock catch.



#### **3** Attach the edging

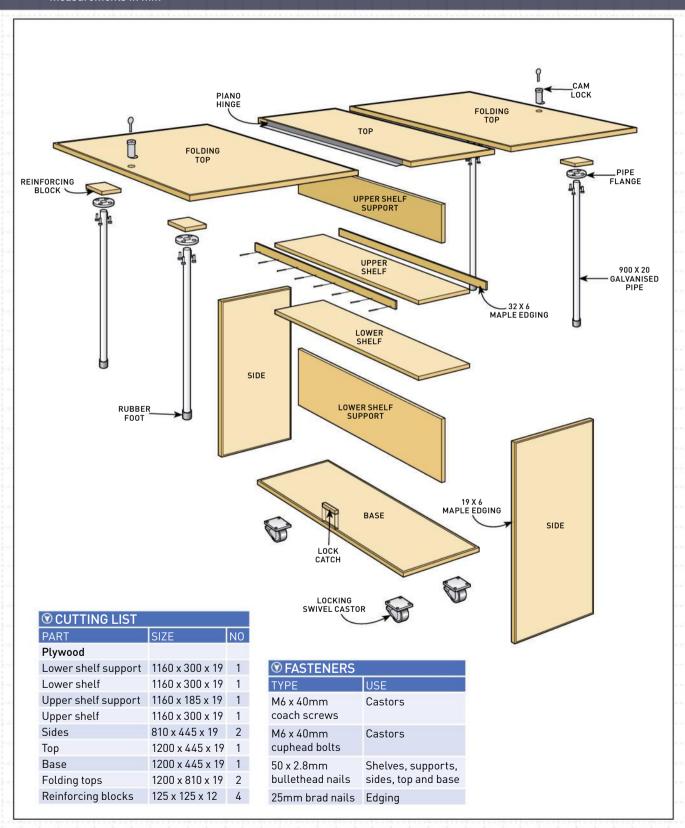
Cut the edging strips to length. Use adhesive and brad nails every 150mm to secure 19 x 6mm strips to the exposed ply edges and 32 x 6mm strips to the upper shelf. Sand the corners. Attach the pipe flanges to the blocks and secure under the folding tops 125mm in from the edge with screws.



#### **6** Attach the legs

With the castors locked in position, screw the pipe into the flanges in each folding top. Add the rubber stoppers to the base of each pipe to protect the floor. Sand the workbench, then apply a coat of clear polyurethane or paint. TIP To pack away the workbench, unscrew the pipes and stow inside.

## **FOLDING WORKBENCH**



# STORAGE HACKS

Get organised with these smart solutions to maximise wasted space for a clean and tidy home



rganising a family home can be a challenge, so the chaos of daily life often wins, with toys and discarded shoes left on the living room floor, the kitchen bench covered with old mail and cords, and your wardrobe a jumbled mess.

Get control once and for all with these inexpensive secrets to creating a storage system that will survive your busy daily schedule.



## Living spaces

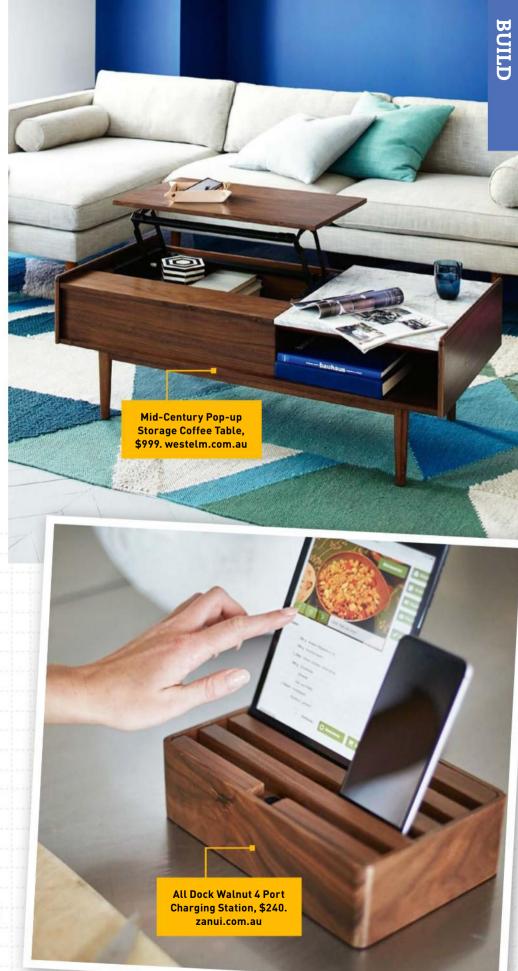
As one of the most popular rooms in the home, a lounge room can end up a dumping ground. Try these fast fixes.

- SELECT double-duty furniture, particularly with hidden storage for commonly used items such as books, to make the most of available space.
- **© CREATE** a gadget station where you can hide and store charger cords and add wall pockets to organise mail.
- HIDE away school bags, shoes at the door and other items you don't want on display, such as game controllers, in categorised baskets.
- o STORE occasionally used items such as camping gear in rolling containers in cupboards, so they're easy to see and ready to grab and go. ➤



Award Ezi Pack N' Stack 50L Storage Container with Wheels, \$8. bunnings.com.au





#### Kitchen cures

A cluttered kitchen can lead to a bug infestation, wasted food and uninspired dinners. Fix it with these easy ideas.

- KEEP the benchtops clear and store herbs in a magnetic rack, and utensils and other essentials on the wall in an easy-access caddy.
- **OMAXIMISE** cupboard space with wire inserts that double shelf space for small items such as cans of sauce or beans.
- MAKE shelves easily accessible by installing swivel accessories or slide-out systems so you'll never forget what is stored in the back out of sight.
- PRIORITISE positioning so you can grab items in an instant. Store herbs and other dry goods in labelled clear glass jars so you take stock in seconds.



Sort kitchen items by need and best access points to prevent pulling extra pieces out every time

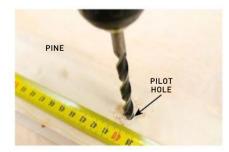






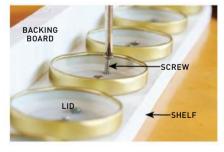


**FLOATING SPICE JAR SHELF** Attach jars to a purpose-built shelf mounted on a wall or pantry door. To hold six 65mm jars with 50mm diameter lids, use a 450mm long shelf cut from 65 x 12mm pine and a backing cut from 42 x 12mm pine.



#### Make the shelf

Measure, mark and cut the shelf and backing board to length from the pine. Drill 2mm pilot holes, then secure with adhesive and 30mm x 8g screws. Sand and paint.



#### Create the holes

Make two holes through each lid and into the underside of the shelf using a bradawl. Secure the lids to the shelf with two 12mm x 6g screws to stop the lids turning when unscrewing.



#### **3** Attach the shelf

Secure the backing board to the wall with 50mm x 8g screws driven into wall studs. Screw the jars into the lids. TIP If attaching the shelf to a pantry door, use 25mm x 8g screws.



REstored 770mm Chrome Kitchen Tidy Set, \$43. bunnings.com.au



Zone Interiors 900mm Kitchen Cabinet Left Swivel Shelf, \$320. zoneinteriors.com.au



Kimberley Products 400mm Adjustable Sliding Shelf Pantry Unit, \$619. kimprod.com.au



Eva Solo Knife Magnets, \$150 for four. hardtofind.com.au



REstored 420mm Large
White Shelf Stacker, \$12.
bunnings.com.au



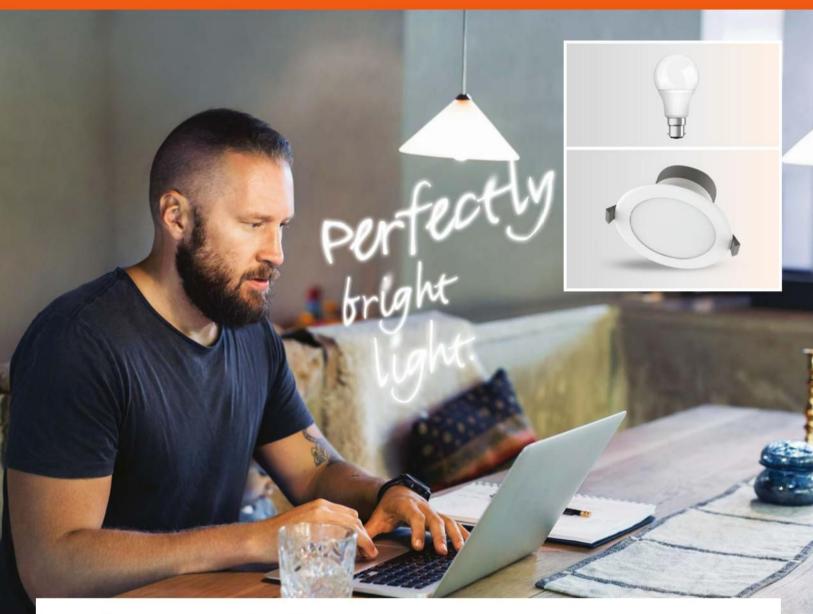


## Wardrobe wonders

Storage secrets for an easy-to-maintain wardrobe include tossing old clothes, seasonal switch-outs and a few handy hacks to reclaim wasted wall space.

- **CREATE** a custom shelving system to suit your needs. Wire sets are ideal, as they can be adjusted as your storage needs change over the years or seasons.
- INCREASE hanging space using accessories such as tie and belt hangers to prevent them crowding rail space.
- HANG a pegboard or hooks on the often-unused inside of the wardrobe door to store jewellery.
- FREE up room by storing clothes that are out of season in vacuum seal bags, or use slimline rolling containers in the top or bottom of the wardrobe.





## Light is motivating

## Choose daylight colour temperature for pure concentration and vitality

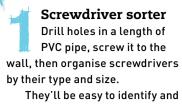
When working, reading and studying, to avoid fatigue and retain focus, the light should be bright, uniform and free of glare. The optimum choice for your home office is the OSRAM Superstar LED downlight and OSRAM LED STAR light globes in DAYLIGHT colour temperature.











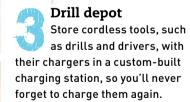
access and your workbench will be kept clear and ready for use.

## DIY TIP

Use different-sized hooks, available from hardware stores, to hang tools from your pegboard, and rearrange as needed.

Portable pegboard Upgrade a roll-around tool cart by mounting a pegboard to the side or back.

Load it up with everything you need and relocate it to suit each new project. You'll have your tools to hand no matter where you are in the garage or yard.



Rip 19mm plywood into pieces for the sides and shelves, then cut a backing board to fit.

Make cutouts in the lower shelf to hold the tools, then glue and nail the parts together.

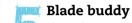
Wall-mount the charging station near an electrical outlet, then attach a powerboard to the backing board. 🝃

Taped-up tools

Never again waste time searching for drill bits.

Simply use industrial strength hook-and-loop tape to attach your drill bit case to your drill case.

They'll be easy to transport to where you're working and the bits won't end up getting left behind when the job is done.



Keep clutter at bay around your workbench by storing reciprocating saw blades in tubes.

Cut 32mm PVC pipe to length and pair with end caps. Glue a cap to one end of the tube, then use a permanent marker to label the tubes by blade type. The open end gets friction-fitted with the cap.

The blades will now be easy to identify at a glance.

STORAGE SOLUTIONS

COOKSE WOOD BLADE

Ryobi ToolBlox Two-door Cabinet, \$199. ryobi.com.au

> Stanley FatMax 4 In 1 Folding Work Station, \$169. stanleytools.com.au

> > Rhino 600 x 550 x 400mm Blue Cargo Case, \$159. rhinoboxes.com.au

Supatool Five-drawer Tool Trolley, \$255. kincrome.com.au

Kincrome Series One Two-tray Tool Cart, \$125. kincrome.com.au



# GET MORE IN ONE WITH A





#### **4-IN-1 WORK STATION**

The STANLEY FATMAX® Rolling Work Station covers 4 storage solutions in one - tool box, parts bin, portable tote and an oversized lower compartment for larger tools. Featuring ball bearing slides and durable structural foam construction, this is one tough tool box.





# Member profile @AndrewJones





Workshop member Andrew Jones is an avid DIYer, regularly fixing up his home, but he's also passionate about building quality furniture using tools and techniques from eras past.

His love for working with timber began at school, where he had access to a great woodworking shop and teachers to guide him. At home, he saw his dad complete DIY projects.

To expand his skills, he turned to YouTube, and learned expert tips from British woodworker Paul Sellers and other makers sharing their craft.

'Handmade, with its tool marks, blemishes and imperfections, has a charm beyond any mass-produced commercial product,' says Andrew.

'I love working with simple tools, and thinking about how a craftsman was using similar techniques and tools hundreds of years ago.'

A bench seat made using hand tools and featuring traditional tenon joints is one of his favourite projects.

Andrew is sharing his builds, instructional videos and advice with the online Workshop community.





'Handmade is built to last and has low transport miles, making it sustainable and eco-friendly'

## Hand vs power tools

The complex joints and detailed features of handmade furniture often require the precise touch of hand tools for a high-quality result.

But it can be time-consuming using hand tools, so most woodworkers

today take a hybrid approach, using power tools such as circular saws for general cutting, and tenon and coping saws and chisels for precise joints.

Discover the different types of handsaws at handyman.net.au/saws.

Join the discussion at Workshop, a fun online community where you can ask DIY questions, share your projects and get tips and inspiration for your home. Sign up now at workshop.com.au

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## MAKE SIMPLE SHELVING

Use plywood offcuts to create storage space in just a few hours

PROJECT GUN ARVIDSSEN MAIN PICTURE SUE FERRIS STYLING GEMA BENEITEZ

his four-tier shelving unit is made from 12mm plywood offcuts, which are secured to lengths of aluminium angle.

The shelves measure 400 x 300mm and were given a coat of primer, sealer, undercoat, then finished in a blue semi-gloss, water-based paint.

Cut into four 750mm lengths, the aluminium angle is secured to the shelves using stainless steel screws, which won't react with the aluminium. TIP Use leftover primer and paint or buy sample pots to keep costs down.

#### What you need

Plywood offcuts
3m aluminium angle,
20 x 20 x 1.5mm
Panhead stainless steel
screws, 8g x 18mm
Primer, sealer,
undercoat
Semi-gloss
water-based paint

### DIY TIP

Adjust the size of the shelves to suit the space available or to make the most efficient use of any offcuts you have to hand.



## Drilling into aluminium

It's good practice to drill a 2mm pilot hole in aluminium before enlarging the clearance holes with a 4mm bit.

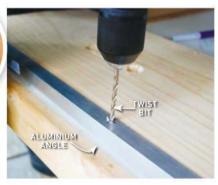
Use a centre punch to make an indentation before drilling to stop the bit skating off the mark. If you don't have a centre punch, use the point of a stainless steel screw, tapping it with a hammer.





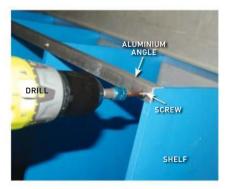
#### Out the parts

Use a handsaw or jigsaw to cut the shelves, then sand with 180 grit paper. Mark the aluminium angle at 750, 1500 and 2250mm with a permanent marker. Clamp, cut with a hacksaw, then clean up the burr edge using a metal file.



#### Drill screw holes

Mark screw positions 5mm from one edge of the angle, centred at 5, 235, 465 and 695mm from an end. Using a 4mm twist bit, drill clearance holes in the angle. Mark and drill corresponding 2mm pilot holes in the shelf edges.



#### **3** Assemble the shelves

Apply primer and allow to dry. Apply two coats of acrylic, letting it dry in between coats. Attach the angle to the shelves using screws, first securing two lengths to all four shelves, then securing the other two lengths.



# PREP YOUR WINTER GARDEN

Protect your garden now before the chill sets in so it's looking glorious right through to spring

WORDS AND PICTURES ADAM WOODHAMS

summer is often seen as being the toughest time on your garden, but it's winter that can actually be the worst.

Apart from the obvious problems such as frigid temperatures and lower levels of sunlight, it's not unusual for your garden to be more than a bit stressed after an arduous hot season.

This means your plants are going to be more susceptible to damage from the seasonal conditions. But there are a few simple things you can do now to winter-proof your garden, which will have it looking great until spring.

#### Feed plants

A big question people tend to ask at this time of year is whether it's okay to feed their plants. The answer is yes, but it's important to be selective with the products that are used.

At any time, when done properly, feeding plants is a two-part process.

The first part is nurturing the soil, looking after all of the good bacteria and creatures such as earthworms, which build quality soil while helping make nutrients for your plants.

The second is applying nutrients in a way that allows plants to make the most of them. The metabolic rate of most plants slows as they go into winter hibernation, so choosing the correct product is all the more critical.

Liquid products are the best choice for this time of year, as they can be absorbed through foliage and become more readily available in the soil.

The easiest way to apply them is as a pre-mixed hose-on product.



#### Give citrus a boost

If the leaves on your citrus trees lack colour, this will most likely be caused by a lack of nutrients, especially nitrogen.

#### **Attack weeds**

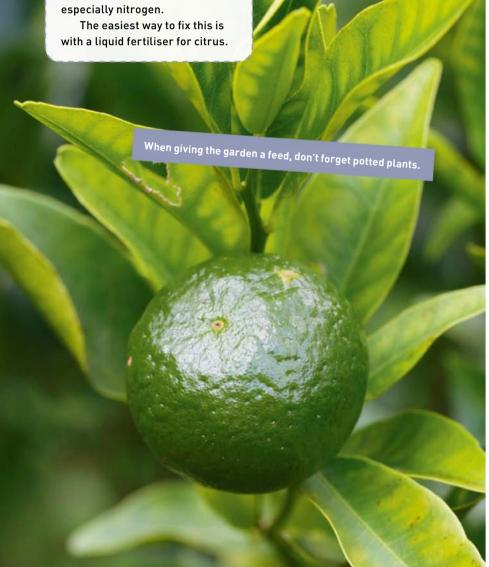
You may think weeds are a problem only in warm weather, but many species can grow well in the colder months. And some will positively thrive, as they are cool-season annuals.

So beat weeds now and you won't be faced with a major task in spring.



## EXPERT SECRETS

It's not too late to give lawns a light feed. Use only a quality slow-release fertiliser, applying it at half the recommended rate.



















Coolaroo 0.90 x 20m Frost Cloth Pre-Pack \$11. coolaroo.com



Scotts Osmocote Citrus Liquid Hose On, \$18 for 1L. scottsaustralia.com.au



Diggers Sprayable Linseed Oil, \$14 for 400g. diggers.com.au

## CLEAN YOUR TOOLS

Putting tools away without cleaning them can result in rusty heads or even split handles. Here's how to get them ready for their winter hibernation.

You'll need a wire brush, steel file, bagged fine sand, steel wool, a bucket, rust protectant and linseed oil.



Clean the blade
Fill a deep builder's bucket with clean, dry, fine sand, then drive the head of the tool into the sand repeatedly. This will work like fine sandpaper over the surfaces of the blade and remove muck and rust. Brush off any sand.



Brush the tool
With the tool lying on a firm
surface, use a wire brush
to remove large material from the
blade or head, paying attention to
the grooves and joins, especially
where the head meets the handle.



Remove burrs
Use a steel file to remove any burrs from the blade edge and to lightly sharpen it.
Don't use an angle grinder, as this will heat the tool blade and affect the temper of the metal, making it more prone to bending, chipping or breaking.



Smooth the handle Using a trade-quality coarse steel wool, clean the handle by lightly sanding it down. This will remove old varnish and smooth over any splinters in the timber.



Treat the tool
Spray the blade using
a rust protectant, then
use a cloth to ensure it is spread
evenly over the metal surface. Use
the cloth to remove any excess.

Treat the handle using a linseed oil preparation, then use a clean, lint-free cotton cloth to ensure it is spread evenly and no excess is left, as this can result in sticky spots on the handle.

TIP We used aerosol linseed oil formulated for timber treatment. You can also use a mix of one part oil and one part turps.



#### Fire alert

Take care when using cloths that have been soaked with linseed oil, as they can spontaneously catch fire, even hours after use.

To avoid this risk, rinse the cloth in soapy water or lay it flat

on a non-combustible surface and allow to dry before disposal.

Don't leave cloths that have been soaked in linseed oil lying around balled or crumpled up, as this encourages ignition.



# What's trending Workshop Talk & Tips



Workshop is a fun online space where you can ask DIY and gardening questions, share photos and videos of your projects, get tips and inspiration for your home and much more.

To join the discussion, sign up at workshop.com.au





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## TABI GARDENS

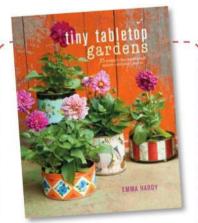
Green up any space with these small-scale projects

**WORDS** EMMA HARDY **PICTURES** DEBBIE PATTERSON

ardening is one of life's great pleasures. The physical acts of digging, planting and caring for plants are hugely satisfying. As is being able to enjoy what grows.

If you're not lucky enough to have any outside space, don't let that put you off. You can grow plants indoors, on balconies and even on tabletops.

And one of the joys of gardening on a small scale is that you don't need special techniques or lots of tools.



This is an edited extract from Tiny Tabletop Gardens by Emma Hardy (CICO Books, \$40). Photography by Debbie Patterson ©CICO Books.

#### Salad baskets

Greens are so easy to grow and can be cultivated in a very small space.

These wire baskets make perfect containers, as they provide lots of drainage. Simply plant up as many as you can eat. They can be moved to a sunny spot in the garden or put on a table as a pick-your-own salad.



Edible plants can be decorative, too, so play with foliage colour, shape and texture

#### You will need

Wire baskets Moss Potting mix Trowel Seedlings such as bok choi, mustard, red lettuce. basil and sorrel Tomato plant









#### Prepare the basket

Line the base of the basket with moss and press pieces against the sides, adding scoops of potting mix to hold it in position. Continue to line the basket, overlapping the pieces of moss slightly so there are no gaps.



#### Add the tomato

Fill the basket with potting mix and level off. Soak the tomato plant in water and remove it from its pot. Make a hole and plant the tomato in the middle of the basket, covering the top of the rootball with mix.



#### Plant the seedlings

Carefully take the first salad seedlings from their tray and plant a few at the front of the basket, positioning them about 20mm apart. Plant the rest of the seedlings to fill the remaining spaces. Water the basket well. >





#### Table planter

Search for an old wooden tray and a small table at secondhand stores or markets to upcycle into a planter.

Paint both in the same colour and attach the tray to the table, then fill it with bright flowers.

Deep trays work better for this project because you can plant them up without disturbing the roots of the plants too much.

TIP This planter uses common ivy, which is listed as a weed in some areas.

#### You will need

Small table Serving tray Drill Screws Black plastic sheeting Staple gun and scissors Potting mix 3 (oreopsis grandiflora

- 'Early Sunrise'
- 1 Geum 'Totally Tangerine'
- 3 Hedera helix (ivy)





#### Make the planter

Paint the table and tray in two coats of exterior acrylic and leave to dry. Soak the rootballs of all the plants in water for about 20 minutes. Drill four holes in the tray base and position on the table, securing with screws.



#### Prepare the tray

Cut a piece of plastic sheeting to fit inside the tray and staple it in place using a staple gun, pushing the plastic neatly into the corners.

TIP Make sure the plastic sheeting can't be seen over the top of the tray.



#### 3 Add the plants

Fill the tray with potting mix. Loosen the soil around the roots of the geum and plant it at the back. Plant the coreopsis, then plant the ivy at the front. Add more mix to fill any gaps around the plants. Water the tray.



#### **Enamel ladles**

This lovely little display uses simple enamel ladles planted with pretty succulents to create a charming result.

Choose ladles with a large cup so that the roots of the plants will have enough room to grow and spread.

Break off pieces from the larger succulents and firm them into the potting mix well so they can take root and thrive. They are generally quite tough plants and can cope with a bit of rough handling.

#### You will need

Enamel ladles Potting mix Pebbles or gravel Echeveria Sedum Sempervioum Crassula oyata



#### Prepare the ladle

Soak the rootballs of the plants in a tub of water for 10 minutes or so until the potting mix is wet. Put a handful of mix in the base of the ladle and add a little gravel or pebbles to improve drainage.



#### Plant the succulent

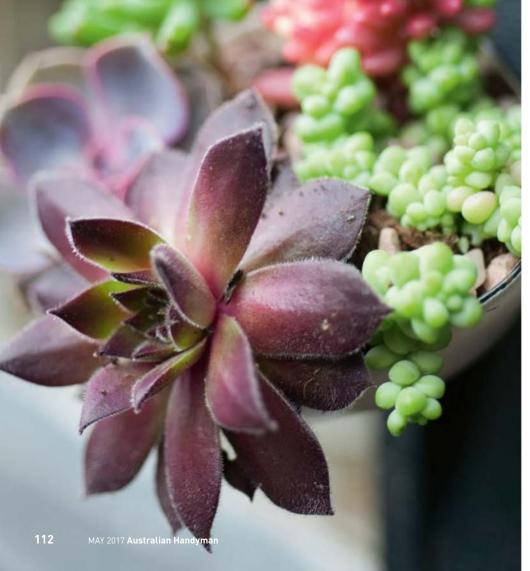
Take a large succulent from its pot and remove excess soil from the rootball. Plant it on one side of the ladle. Plant another large succulent at the back, firming it in place, then add the smaller succulents to the ladle.



#### Add the pebbles

Press down the potting mix. Fill any holes with more mix and firm it down. Sprinkle gravel on the surface as a decorative mulch, pushing it around the plants with your fingers. Water, letting the excess drain off. 9







## INSTALL **A ROTARY CLOTHES LINE**

Dry washing the natural way to wind back your energy costs

#### **PROJECT AND PICTURES ADAM WOODHAMS**

s your clothes line so past its use-by date that it should be heritage listed? ▲ Or, maybe you just never got around to putting in a drying line.

You may think that installing a rotary hoist is a hard task, and in the days of the gigantic galvanised-steel

types, it was most likely a difficult undertaking. But now, modern clothes lines are simple to install.

All you need is a rotary clothes line kit, available from hardware stores, quick-set concrete and blue metal or similar drainage aggregate.



It's hard to beat the fresh-air smell and feel of washing straight off the line







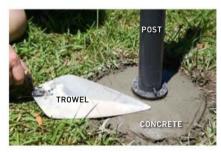
#### Dig the hole

Measure and mark the position for the post. Dig a hole 200mm wide and 600mm deep, then add about 200mm of aggregate to the hole. TIP Use a post hole digger with 200mm blades to make the hole quickly.



#### Position the post

Put the sleeve of the post in the hole so the top lip will be just above ground level. Add aggregate until it is stable. Slip the post into the sleeve and lock. Check the post is plumb using a magnetic torpedo spirit level.



#### **Secure the post**

Pour 2L water in the hole. Add quick-set concrete until three-quarters full. Pour in a little water and use a stick to mix and tamp before filling with concrete. Smooth with a trowel. Allow to set for 24 hours, then add the line head.



#### Q Find it at Bunnings

## HOW TO BUILD A GREENHOUSE

Make a timber frame, cover it in plastic and add a roof to create a mobile winter home for plants

ary time, including out of season.

This greenhouse is portable, as it is on wheels, so you can move it around to follow the sun, boosting the number of plants you can grow.

To make the project easier, get the timber pre-cut by the supplier, then group and label the pieces by section. TIP Put the two castors with brakes on diagonally opposite corners of the base.

# What you need Jigsaw Framing and nail gun Cordless drill Phillips head bit 5mm hex bit Roofing and bugle screws Gate hinges and pad bolt 4 large castors Builder's plastic 21mm foil fixers Polycarbonate sheets

#### © CUTTING LIST PART Hardwood sleepers Floor frame 1600 x 200 x 50 1200 x 200 x 50 Pine Subfloor frame 1500 x 200 x 50 1200 x 200 x 50 2 Floor joists 1200 x 200 x 50 2 Front and back 1600 x 70 x 35 frame rails Frame studs, brace $1150 \times 70 \times 35$ 16 Side frame rails 1200 x 200 x 50 4 Door rails 670 x 70 x 35 2 Door studs 1140 x 70 x 35 Door brace 1070 x 70 x 35 Door noggins 315 x 70 x 35 1600 x 70 x 45 Roof battens 1600 x 70 x 35 1600 x 50 x 25



#### Protect delicate plants from frost and start seedlings early in a greenhouse



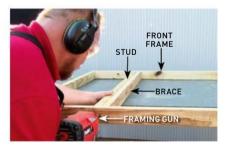
#### **1** Make the floor frame

Position the short sides between the long sides for the floor frame, pre-drill holes with a 5mm bit and secure the butt joints with 125mm bugle screws. Attach the subfloor frame and two joists inside the floor frame using a nail gun.



#### Attach the flooring

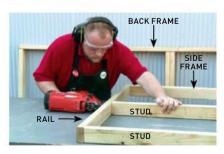
Turn the frame over and attach castors in each corner using 125mm bugle screws. Turn the frame right side up and secure the floorboards with the nail gun. Use a timber offcut as a spacer to create drainage gaps in the floor.



#### **3** Build the front frame

Make the front frame using a framing gun. Work out the size of the door, then mark the two stud positions, adding a brace next to the stud on the hinge side of the door. Secure the studs and brace with the framing gun.





#### Make the door and frames

Lay out the door pieces and secure with the framing gun. Build the back and side frames. Wrap all the frames in plastic, pull it taut and secure with foil fixers on the inside. Trim the excess. Secure the door hinges and pad bolt.



#### **6** Attach the frames

Attach the side, back and front frames to the base and each other with 125mm bugle screws. Starting at the front, attach the roof battens in descending size to give the roof a slight fall for runoff, then secure the header.



#### **6** Attach the roof

Mark the polycarbonate roof sheeting with a little overhang at the front and back, using masking tape. Clamp the sheet and cut with a jigsaw and metal blade on medium. Attach using roof screws into every second corrugation.

## SEE THE WORLD

#### Chelsea Flower Show

You know an event is the grandest of its type when global events are benchmarked against it. And so it is with the Royal Horticultural Society (RHS) Chelsea Flower Show in England.

It has wowed garden lovers for over 100 years with floral displays and breathtaking landscape or show gardens.

The gardens are designed sometimes years ahead, built in 19 days and dismantled in five.

And it's not just about plants and gardens, you'll also be able to indulge in a little star spotting and shop for garden gifts and gadgets.

This year, the show runs from 23-27 May and is held at the Royal Hospital Chelsea, London.





Garden gnomes are banned, but cheeky designers have been known to hide one in their gardens







# Handyman BUYER'S GUIDE

Take the DIY option for your home improvement projects by choosing the best tools and equipment from our market round-up







## TIMELESS STARTS WITH CORINTHIAN

THE MODA COLLECTION

A door is a statement of what to expect as you enter a room. That's why Sally Klopper of Sally Caroline Interior Design starts with Corinthian's Moda Collection. With 24 timeless designs to choose from, a Moda door will be right at home in your home. To watch Sally talk about her timeless design principles, visit Corinthian.com.au





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#### Handyman BUYER'S GUIDE



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Temporary Pool

Gate Frame Kit **CONSTRUCTION:** Save on temporary fence hire costs by using your own fence panels and gate prior

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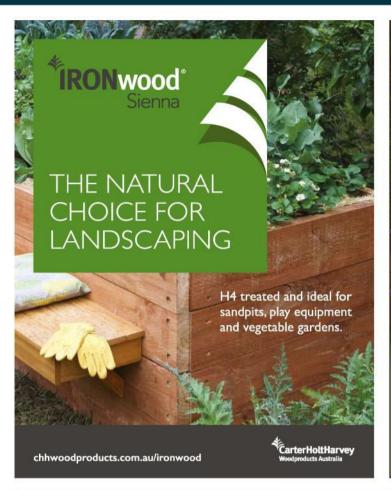


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## WHAT'S IN COLOUR

• TEUCRIUM 'SILVER BOX' features gorgeous silver foliage throughout the year, with tiny sky-blue flowers appearing from autumn to late spring.

This ornamental plant has an upright and compact form, reaching up to 1m high and spreading to 60cm.

Give it a spot in full sun and feed with a slow-release fertiliser after flowering has finished.

'Silver Box' likes free-draining soil, is very hardy and will tolerate dry conditions, once established.

It is ideal for use as dense low hedging, borders and edging, and works well in narrow spaces.

To encourage a dense growth habit, trim 'Silver Box' after flowering, and if you're using it as hedging, cut it back lightly but frequently to keep it in the desired shape.

Information courtesy of Plants Management Australia (pma.com.au).

#### TOP PICK

Every home should have one of these Gnome Family Garden Kits, \$99 (innovations.com.au).

The whole set is made from polyresin and the base measures 37cm in diameter. It comes with seven gnomes, a decorative bridge, a table and plants.

The kids will have hours of fun rearranging the pieces to create their own displays.

#### To-do list

Get the garden ready for the cold months.

- ✓ POT up basil plants to grow on a sunny windowsill indoors.
- ✓ FINISH planting any spring-flowering bulbs.
- ✓ COLLECT any fallen leaves to add to the compost bin or heap.
- ✓ RAISE mower blades to leave lawns a little longer.
- FERTILISE avocado trees with a plant food for citrus, then mulch in subtropical/tropical areas.
- ✓ **APPLY** plenty of mulch in cold climates over damp soil around trees, keeping it clear of the stems. ➤



#### Gift a chrysanthemum

With Mother's Day on 14 May, what better way to celebrate than giving your mum a living gift of a chrysanthemum?

Available in vibrant autumnal shades of red, orange, rust, terracotta, pink purple, yellow and white, they make long-lasting flowering pot plants that will bloom indoors or on a balcony or patio for 3-6 weeks.

All they need is a well-lit spot, water when dry, and for spent flowers to be removed. After flowering, they can be planted out in the garden, where they will bloom again next year.

TAKE CUTTINGS Chrysanthemums can be grown from cuttings. In spring, take cuttings about 80mm long with several internodes from new shoots.

You can repeat this every 2-3 years to renew ageing clumps or to increase your range of flower colours and shapes.

CREATE MORE PLANTS After the plant has finished flowering, cut it down to just above ground level.

In late winter or early spring when the plant begins to regrow, sending out suckers, you can lift the clump, divide it into several new plants and replant.

#### Give these vegies a late-autumn

Feed now

feed and boost the lawn.

- **OLAWNS**
- BROCCOLI
- CABBAGES
- SILVERBEET **OCELERY**

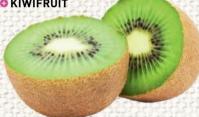


Kiwifruit

#### Harvest now

These fruits are ready to be picked around the country.

- **OAPPLES**
- **CITRUS**
- **OFIGS**
- **OPEARS**
- **OKIWIFRUIT**



#### Prune now

Cut back these flowering plants ready for winter.

- AGAPANTHUS
- ROSES
- **SALVIA**
- **OHEBE**
- O DAHLIA



## BOOK CLUB





Stephanie Alexander's Kitchen Garden Companion Cooking (\$50, Penguin Books) is a must-have if you grow your own vegies, herbs and fruit and want to make the most of your freshly picked produce.

In this essential guide, Stephanie Alexander shares more than 250 savoury and sweet recipes for every occasion and season. Whether vou're a novice in the kitchen or a seasoned cook, this is the book for you.

THE LETTER LIBERT THE PARTY OF THE PARTY OF



securely mounts to posts, walls, fences... Designed & Patented

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### EASY AS 1-2-3

- 1. Position and fix the post
- 2. Measure and cut timber to size
- 3. Insert timber, spacers & end caps

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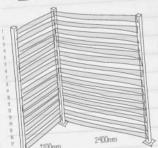
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Winking Outside think WHITES

## COLD-WEATHER

## CROPS

Get set to sow and grow vegetables now for a great harvest throughout winter

WORDS CHERYL MADDOCKS

here are lots of vegetables, such as broad beans, broccoli, radishes, kale, spinach and salad greens, that can be grown from seed during the cooler months.

The soil is still warm for planting in late autumn, so you can sow the seeds now for a rewarding yield in the coming months.

And you don't even need to have a big backyard, as many will grow well in pots and make attractive features on balconies and in courtyards.

#### Help them thrive

Vegetables like maximum sunshine throughout the year, and sheltered patches have been proven to increase yield by up to 50% compared to those subjected to windy conditions.

In a windy spot, you can make a simple windbreak with nylon netting or shade cloth and secure it to posts.

• SOIL Vegetables love free-draining, moist soil. Consider building raised beds if you have a drainage problem.

If the soil is sandy and drains too quickly, add lots of compost and cow or poultry manure regularly. Wetting agents also help retain water.

Test the pH of the soil every two years with a testing kit. Most vegetables like a soil with a pH of about 6.5. It can become acidic through continual fertilising. If it is too acidic, add garden lime, liquid lime or dolomite.

• WATER To keep vegetables succulent, they must be watered regularly. How often you water depends on the weather, but don't let the soil dry out.

• FEED Apply a soluble plant food at least monthly, watering the soil before and after adding fertiliser.

• MULCH Lucerne hay and pea straw are ideal for vegetable beds and pots.







Prepare the plot
Get a garden bed or
vegetable plot ready for
new plantings by removing the
plants that have finished and
adding them to the compost.

Dig up any weeds, making sure you get the roots as well. Weeds compete with plants for soil nutrition and leave them open to attack by insects and diseases.

Give the whole area a good dig with a fork or spade, incorporating any remaining mulch into the soil.

#### Condition the soil

It is important to condition your soil every season to keep plants healthy and ensure a good soil structure.

Compost and manure conditioners will disintegrate in the soil and supply it with beneficial organic matter.

They also encourage earthworms, which break down root mats and open up tunnels for oxygen and water to penetrate the soil. Plant roots rapidly take nutrition from the nitrate-rich mucus coating the tunnels.

• **COMPOST** helps regenerate the soil, and is free if you make your own.

You are returning carbon to the earth while increasing the soil's water-holding capacity by at least 30%. And by recycling organic waste, less rubbish ends up in landfill.

You can either dig compost into the soil or use it as a mulch.

● MANURE Excellent soil conditioners, cow or chicken manure and mushroom compost are dug into the soil. ➤

**Broad beans** These beans require lots of space and may need staking as they grow. They are rich in protein, fibre and vitamin A. • SOW the seeds directly where they are to grow in damp soil. HARVEST broad beans 18-20 weeks after planting.

You can pick them when very young, then cook and eat them pod and all. Or let them mature and remove the beans from the pod.

#### In the kitchen

- OBOIL the beans lightly and eat with butter, pepper and salt.
- TEAM broad beans, crispy bacon, mint and pecorino for a warm winter salad.
- OMAKE a dressing of olive oil, white wine vinegar, mint, chives and anchovies, then toss it through the warm cooked beans.
- TOSS broad beans, cucumber, red onion and goat's or feta cheese in a garlic dressing.



#### In the kitchen

- OMAKE a blue-vein cheese and broccoli quiche.
- and season with soy sauce.
- TOSS a sauce of tomatoes,

OUSE broccoli to make soup.

STIR-FRY with beef and ginger,

broccoli and garlic through pasta.

#### Broccoli

You can choose from large-headed varieties or sprouting types such as broccolini. • SOW the seeds until the end of autumn directly where the plants are to grow, or plant seedlings. HARVEST 12-16 weeks after planting. Pick large-headed broccoli before the flower buds open. Take about 100mm of main

stem, making the cut on a slant. Harvest sprouting types with a long stem, which can be eaten.

#### **Spring onions**

Immature onions that have not yet made a bulb, spring onions are harvested for their mild flavour.

SOW the seeds in well-drained soil directly where the plants are to grow. Make successive sowings every 4-6 weeks. You can also plant seedlings.

O HARVEST spring onions 8-12 weeks after planting.

#### In the kitchen

- STIR-FRY spring onions, green beans, scallops and ginger in a wok, and season with soy sauce.
- OCOMBINE with mushrooms and goat's cheese in a tart or quiche.
- O SAUTÉ asparagus and spring onions, place on toast, top with Swiss cheese, then grill.
- SLICE potatoes thinly, arrange in a baking tray. Add spring onions, then cover with cream and cook slowly in the oven.

after planting. Picking the outside leaves rather than the plant will

#### In the kitchen

- ADD chopped baby spinach leaves to scrambled eggs.
- STEAM spinach lightly and serve with butter and pepper.
- MAKE a salad of baby spinach leaves, red onion and pine nuts. Crumble over goat's cheese and add a balsamic dressing.

🗰 Kale

increase productivity.

This vegie likes the cold, which sweetens the leaves.

Often called the queen of greens, kale contains magnesium, antioxidants and calcium, as well as vitamins A, K, C and B6.

- SOW the seeds directly where the plants are to grow. Or sow in seed trays and transplant into beds when 75mm high.
- HARVEST kale 8-10 weeks after planting. The leaves have more flavour if picked just before use.

#### In the kitchen

- BOIL or steam the leaves and squeeze over lemon juice.
- USE kale, cheese and pine nuts to make a risotto.
- BRAISE with garlic and olive oil and toss through pasta. Serve with parmesan.
- ADD kale to vegetarian lasagne instead of silverbeet or spinach.

Radish This fast-growing vegie contains cancer-protecting phytonutrients, as well as fibre, vitamins and minerals. • SOW the seeds until the end of autumn directly where the In the kitchen plants are to grow. ODIP radishes in ricotta cheese HARVEST 6-8 weeks after for a quick snack. planting. Pick the roots while OADD a few slices of radish young, as old ones can be stringy. to green salads. TIP Allow a couple of plants to go OUSE radishes to add crunch to seed, as the flowers are very to salad sandwiches. attractive to beneficial insects. COMBINE radishes with fennel, cucumber, tomatoes, feta cheese and salad leaves, and toss in a mustard dressing. >



## Transplant seedlings

It may be too late to grow certain vegies from seed, but you can find seedlings in nurseries in winter.

Look out for Asian greens, beetroot, brussels sprouts, cabbage, cauliflower, endive, golden shallots, kohlrabi, leeks, onions, shallots, silverbeet and peas.

Careful planting will ensure your seedlings stay healthy.

- WATER the punnet, then gently squeeze the sides of the punnet to make it easier to remove the seedlings. REMOVE each seedling from the
- **REMOVE** each seedling from the punnet, taking care you don't damage too many of the roots.
- PLANT the seedlings at the same level as they were in the original container, then water in with an application of Seasol.







#### Caterpillars

These pests will chew leaves on young and old growth. Small seedlings may be eaten.

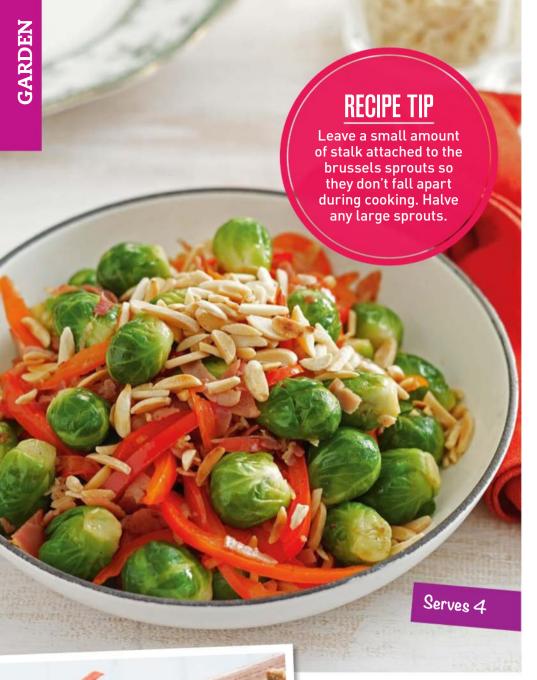
• FIX IT Yates Nature's Way Caterpillar Killer controls most caterpillars, as it contains natural bacteria that kills the larvae once it is ingested.



#### Snails and slugs

Watch for holes in leaves, shiny streaks on foliage and slime trails. Snails and slugs will munch on most vegetables.

• FIX IT Make traps by sinking a container into the ground and filling with beer, or use pellets that are environmentally friendly.



## Brussels sprouts with pancetta

PREPARATION TIME 5 minutes COOKING TIME 10 minutes

#### **Ingredients**

500g brussels sprouts
1/4 cup (30g) slivered almonds
1 tablespoon olive oil
I red capsicum, deseeded and
thinly sliced
75g pancetta, thinly sliced
1 clove garlic, crushed
Salt and freshly ground pepper

**1) ADD** the brussels sprouts to a large saucepan of boiling water and cook for 3 minutes. Carefully empty them into a colander and leave to drain.

**2 PUT** the almonds in a large, dry frying pan and toast over a medium heat for 2-3 minutes or until golden, stirring occasionally to prevent them burning. Tip the almonds into a bowl.

**3 INCREASE** the heat to medium-high and add the olive oil to the frying pan. Once the oil is hot, add the capsicum, pancetta and garlic, then cook, stirring occasionally, for 5-6 minutes or until the capsicum has softened and the pancetta is crisp.

**4 ADD** the brussels sprouts and toss to combine. Season with salt and black pepper and sprinkle with almonds to serve.

#### Spinach and white bean soup

PREPARATION TIME 15 minutes COOKING TIME 10 minutes

#### **Ingredients**

1 tablespoon olive oil
1 onion, chopped
2 cloves garlic, crushed
3½ cups (875ml) vegetable or chicken stock
2 x 420g cans butter beans, rinsed and drained
600g English spinach, trimmed
½ cup (90g) Greek-style yoghurt
¼ teaspoon paprika

1 HEAT the oil in a large saucepan over a medium heat. Add the onion and cook for 4-5 minutes or until soft. Stir in the garlic and cook for 1 minute.

2 STIR in the stock and butter beans, then bring to a simmer. Add the spinach and cook until wilted.

3 USE a stick blender to puree the soup. Or, allow the soup to cool down slightly and puree it in batches in a food processor, then return it to the pan to gently reheat. Ladle into bowls and top with yoghurt and a dusting of paprika.



#### Satay vegetables

PREPARATION TIME 5-10 minutes
COOKING TIME 5 minutes

#### **Ingredients**

1 tablespoon peanut oil
300g broccoli, cut into florets
300g cauliflower, cut into florets
1 red capsicum, cut into 2.5cm squares
1 cup (250ml) ready-made satay sauce
Chopped fresh coriander, to garnish

HEAT the oil in a large wok or frying pan over a medium-high heat. Add the broccoli, cauliflower and capsicum, then stir-fry for 2-3 minutes or until tender but still crisp.
 POUR the satay sauce over the vegetables and toss to combine. Cook for 1-2 minutes or until heated through. Serve immediately, sprinkled with fresh coriander.



#### HOW TO FERTILISE YOUR LAWN

1. Measure the lawn area



2. Select the right fertiliser



3. Spread by hand evenly across the lawn



4. Water in well



For more information visit hortico.com.au

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lants can be grown indoors to create striking decorative features. They can be used to brighten up large and small spaces and also make unusual room dividers.

No matter how much or how little light you have indoors, there is a pot plant to suit your situation. The key to success is to get the balance between water, light and humidity right.

Many indoor plants cost about the same as a large bunch of flowers that will only last for about a week, so they're also a budget-friendly option.

Caring for your indoor plants need not be a daunting task. Here's how to keep them flourishing, plus attractive varieties to grow, tips for re-potting and ways to troubleshoot pests and diseases.

## SECRETS

Use a small watering can with a long spout to make it easier to aim water directly onto soil that is concealed by foliage.

## Know when to water

The amount of water a plant requires varies with the species, the potting mix in which it is growing, and the light, temperature and humidity it's exposed to in your home.

Most indoor plants need more water during their spring and summer growing periods, but require less in winter when they're resting, especially in rooms that are unheated.

- **TEST** whether water is required by simply poking your finger into the top of the potting mix. If it is dry, the plant will need watering.
- **GET** to know each plant's water requirements to establish a routine.



Most indoor plants need less water in the colder months



#### **Check humidity**

Many indoor plants come from rainforests and like high humidity, but winter heaters can dry the air.

With low humidity, the plants lose foliage lustre and their leaf tips and margins start to turn brown. Here's how you can increase humidity.

• PUT pebbles in a tray or saucer filled with water, then sit the pot on top. As the water evaporates, it produces moisture in the surrounding air.

• **GROUP** plants, as the evaporation from the soil combined with moisture lost from the foliage creates a damp microclimate around the plants.

MIST your plants regularly. >

## WHAT TO GROW

Palms
One of the most popular indoor plants, the parlour palm (Chamaedorea elegans) reaches about 1.5m high indoors.

WATER When the soil surface appears dry, it's time to water.
Underwatering and overwatering can make leaf tips turn brown.

LIGHT Bright.

Ponytail palm
With the ponytail palm, or
elephant's foot plant as it is
also known, long strappy leaves
sit on top of a bulbous trunk.

WATER Add water when the
potting mix is just about dry.

LIGHT Bright.

Philodendron
The different cultivars
of philodendron make
striking feature plants with their
handsome tropical-looking leaves.

WATER Wait until the top
10mm of the potting mix dries
out before watering.

LIGHT Medium to bright.

Figs
There are many
varieties with different
leaf shapes to choose from.

WATER When the soil surface
appears dry, figs need watering.

O LIGHT Bright.

Bromeliads
Available in a wide variety
of sizes and leaf colours
and shapes, exotic bromeliads
are an excellent choice.

WATER When the potting mix
is just about dry, bromeliads need
watering, but also keep the cup at
the centre of the plant full.

LIGHT Medium to bright.

Zanzibar gem
The handsome Zanzibar gem (Zamioculcas zamiifolia) displays dark-green and shiny succulent-like foliage.

WATER Add water when the top 25mm of the potting mix is dry.
Don't overwater, as Zanzibar gem stores water in its rhizome.

O LIGHT Low to medium.



Ctenanthe

• WATER When the top 10mm of

mix is dry, it needs watering.

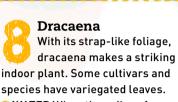
• LIGHT Medium to bright.

attractive foliage.

This bushy plant throws

up bare stems topped with

URES SHUTTERST



- OWATER When the soil surface appears dry, it's time to water.
- LIGHT Medium to bright.

Dieffenbachia Commonly called dumb cane, there are many different cultivars with beautifully marked leaves.

O WATER When the soil surface is dry, add water. Discard excess water left in the drainage saucer.

O LIGHT Medium to bright.

Devil's ivy A hardy climbing plant, devil's ivy trail without a host to climb on. • WATER Keep the potting mix damp during summer. In unheated rooms during winter, allow the mix to just about dry out before watering.





Maranta Commonly called prayer plant because at night it tends to close its attractive striped foliage. • WATER When the soil surface appears dry, add water. Allowing the pot to stand in water or overwatering will cause root rot. • LIGHT Medium to bright.

**Aspidistra** With its large and leathery dark-green foliage, aspidistra is a tough plant. O WATER When the top 20mm of the mix is dry, add water. For short periods, aspidistra will tolerate near complete dryness. LIGHT This plant will survive almost anywhere indoors and is tolerant of very low light.

Mother-in-law's tongue An easy-care hardy

plant, it features dark-green, erect marbled leaves. Some varieties feature gold or silver bands on the foliage edges.

OWATER Don't let water sit in the saucer and water sparingly. During winter in unheated rooms, allow the mix to just about dry out.

LIGHT Low to medium.

Peace lilies Elegant and tough, peace lilies make ideal indoor plants. They have lovely white flowers that sit above deep-green leaves.

• WATER When the top of the mix is dry, add water, but make sure you don't overwater in winter.

CLIGHT Low to medium. >

#### How to re-pot

Indoor plants benefit from being re-potted every couple of years.

Even if the plant hasn't outgrown its pot, the potting mix starts to degenerate and will need renewing.

If the plant is root-bound or has grown considerably, you need to re-pot it into a bigger pot.

Choose one that is 50-100mm larger in diameter than the original.

- REMOVE the plant from its container and tease out any root-bound roots.
- O ADD potting mix to the new pot so the plant sits at about 25mm from the rim of the pot to prevent any potting mix or water from spilling over.
- FILL around the rootball with potting mix, avoiding packing it firmly around the roots, as this could impede drainage. Water in well.



Check your plants regularly to keep them pest-free

## PROBLEM SOLVERS



- SPOT IT Found on the leaves and stems, the bodies of these insects are covered in a white downy powder.
- FIX IT Spray with Yates Pest Oil.



- SPOT IT Look for raised bumps on the foliage or stems of the plant.
- TIX IT Remove small infestations with your fingertip or spray with white oil.



**GROW TIP** 

Apply a soluble plant

food monthly from

spring until autumn

or use a six-month

controlled-release

fertiliser in spring.

Did you know? Indoor plants act like

and clean the air, research reveals. It is the symbiotic relationship between the potting mix and the plants that produces

the biofilter effect.

self-regulating biofilters

- SPOT IT Check for distorted leaves or blistered new growth. A black sooty mould may also appear.
- \varTheta FIX IT Spray with Yates Pyrethrum. 🛭





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## MAY

#### What's on this month

Head down to your local Bunnings this May to get some advice for your next D.I.Y. project



6 [SAT]

[SUN]

#### STORAGE WORKSHOPS

Maximise your space with helpful and handy tips



13<sub>[SAT]</sub>

14 [SUN]

#### MOTHER'S DAY WORKSHOPS

Create a special gift for Mum this Mother's Day



 $\frac{20}{[SAT]}$ 

[SUN]

#### WINDOWS AND DOORS WORKSHOPS

Get more in the know on window and doors



27
[SAT]

28 [SUN]

#### CRAFT WORKSHOPS

Create arts and crafts that you can take home

Workshops are held at warehouses only. If you live in South Australia, speak to a team member or visit bunnings.com.au/yourstore for details about our great one-on-one D.I.Y. workshops.

#### **INDOOR WORKSHOPS**

Our expert team members will give you the advice and information on how to kickstart your indoor projects at home.















# PM WORKING RESPECT MY UNIFORM

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