



## KMART Circle Shelf Moon Designer Makeover

EQUIPMENT NEEDED	MATERIALS NEEDED
Jigsaw – with fine blade	KMART circle shelf
Phillips head screw driver	6MM MDF (900 x 600 sheet)
	<b>OR</b> 9MM Premium Plywood (595 x 1200)
Sanding Block	Sandpaper 120 and 240 grit
Stanley Knife	Multi-Use Needle Point Button head (size 8-15 x 15mm): <b>2 needed</b>
Drill	Cover Buttons 9.5MM Diameter: <b>2 needed</b>
Pliers	Undercoat spray paint
Lead Pencil	White Undercoat paint
	Paint or spray paint of choice for moon
	Black chalkboard contact for eye
	Natural Leather belt length OR KMART belt
	Fishing Line
	PVA Wood glue
	Small picture hooks

**Please see the end of instructions for photos of some of the materials needed**



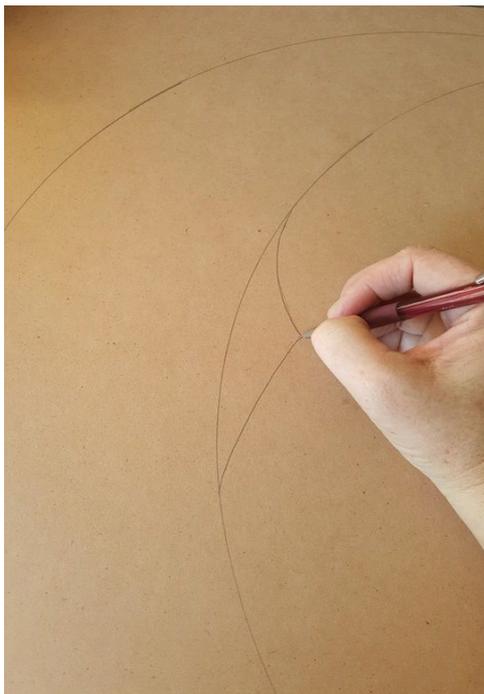
### STEP 1:

Grab your KMART circle shelf (either the black and white one or the ply wood one pictured above) and lay it on top of your sheet of MDF or Ply wood.

Using a lead pencil trace around the outside of the circle.

Once you have done this using the outside of the KMART shelf trace another line to form a crescent moon shape.

\*Simply move the shelf around until it forms the shape you want



### STEP 2:

Once you have your basic crescent moon shape you are happy with, free hand draw a nose for the moon. ) Check out the photos of the complete product to guide you for positioning.

This is also the time to draw 4 stars.

Star shapes are easily found for free on the internet. Simply print out one large one and one small one, cut them out and then trace them on to your MDF.

Not too close together though, so you have room to cut around them.



### **STEP 3:**

Grab your jigsaw with a fine blade (you can use a scroll saw if you have one) and cut out your shape. Slow and steady wins the race here. Cut carefully to save time on sanding out mistakes later.

When cutting out the stars you may find it easier to do lots of smaller cuts along each line of the star, rather than trying to turn corners.

**SAFETY TIP:** If you have chosen to make your moon shape out of MDF please ensure you wear a mask to cover your nose and mouth as the dust from MDF is not good to inhale. It is also crucial you follow handling instructions from the jigsaw manufacturer when using them.

### **STEP 4:**

Once you have your shapes cut out it is time to sand them along the edges, removing any rough edges. You will do this to the moon shape and the stars. Use your coarse 120 GRIT sandpaper first then finish with the fine 240 GRIT

### **STEP 5:**

Time to start painting, OR NOT. If you are using Ply wood and do not intend to paint then skip ahead to step 6.

PAINTING = YES read on

For a professional and long lasting finish undercoat the edges of your shapes using an all in one undercoat (white) to seal them. Set the shapes aside to dry.

Once dry sand the edges until smooth using your 240 grit smooth sandpaper and sand off any runs you may have gotten onto the face of the shapes. If you don't do this then you won't get a smooth final finish.

Once sanded. Using a white undercoat spray paint or normal undercoat paint. (Spray paint is just quicker) Spray the surface of the shapes, and leave to dry.

The moon will only need one side painted as you won't see the other side, however the stars will require both sides as they will twirl when hung.

Once the shapes are dry then you can paint them with whatever paint you have chosen. I used Dulux Satin White Spray Paint for mine. (You can use normal paint and a roller instead if you prefer)

Apply as many coats needed until you are happy with the finish.



#### **STEP 6:**

Next we need to attach the leather belt length or belt to our shelf. First of all remove the existing string from the shelf that it comes with.

If you are using the plywood shelf you will now be left with a hole. I simply filled this hole using 9.5MM cover buttons which you can get from Bunnings. Place a small amount of PVA Wood glue to the edge of the cover button and then pop it into place on the inside of the circle.

Don't worry about the outside, we will cover that with the strap.

Next we need to cut our leather strap or belt to length, using a Stanley knife. I used leather belt lengths from Birdsall Leather for the plywood shelf and a \$3 KMART black belt for the black and white shelf.

Once you have your belt at the desired length, next we need to drill holes into the shelf where we will attaché the leather.

With the black and white shelf I go near where the string was attached and for the ply one I go just past the hole so that when I attach the leather the hole is then hidden.

TIP: When you are drilling your hole do NOT drill all the way through

#### **STEP 7:**

Next drill a hole into either end of the leather/belt where the screw will go into.

Now it is time to attach leather to the shelf. Due to the thickness of the KMART shelf it is hard to find screws that are short enough that wont penetrate through to the other side of the shelf.

**TIP:** Using pliers cut the ends off your screws to make them shorter, so they wont penetrate through the other side of the shelf. (See photo below)



Then using a Phillips head screw driver attach the leather to the shelf. As shown above in the photo before step 6.

Once the strap is attached test it to make sure it is sturdy and the screws are in tight.



#### **STEP 7:**

Place your moon shape on top of the shelf in the position you want it and using a lead pencil mark out on the shelves the edge of the moon. (as seen above)

Remove the moon shape and using PVA wood glue apply glue continuously to all of the edges of the shelf that the moon will stick to including the outside rim of the shelf.

Place the moon back onto the shelf and apply pressure. Set aside and allow glue to set. If the moon is lifting off, place a cloth over then moon and then a heavy object to weigh it down while it sets.

#### **STEP 8:**

Get your stars and drill a hole into the top of each one. The thread them using fishing line, and tie them off.

#### **STEP 9:**

Drill three holes into the base of your circle shelf and screw in the picture hook loops as shown in the photo below.

Attach the stars to the hooks.



**NOTE:**

Three stars get attached to the base of the shelf, whilst the other star can be used to hang from the top of the moon.

If you prefer you can use leather cord to attach this star to the moon and simply tuck the end of the cord under the tip of the moon.

See styled photos for example.

**Step 10:**

Paint on your sleeping eye or cut one out of chalkboard contact (SUPER NEAT OPTION).

Your KMART Moon shelf is ready to hang and style.



## APPENDIX 1:

Reference photos of some of the materials you will require



Multi-Use Needle Point Button head



Cover buttons 9.5MM Diameter



Picture framing hook

If you do not wish to glue your shape to the shelf you can attach it using brackets. This will enable you to remove it at a later date and make another design.