

CoolitArt

Upcycled Kaleidoscope



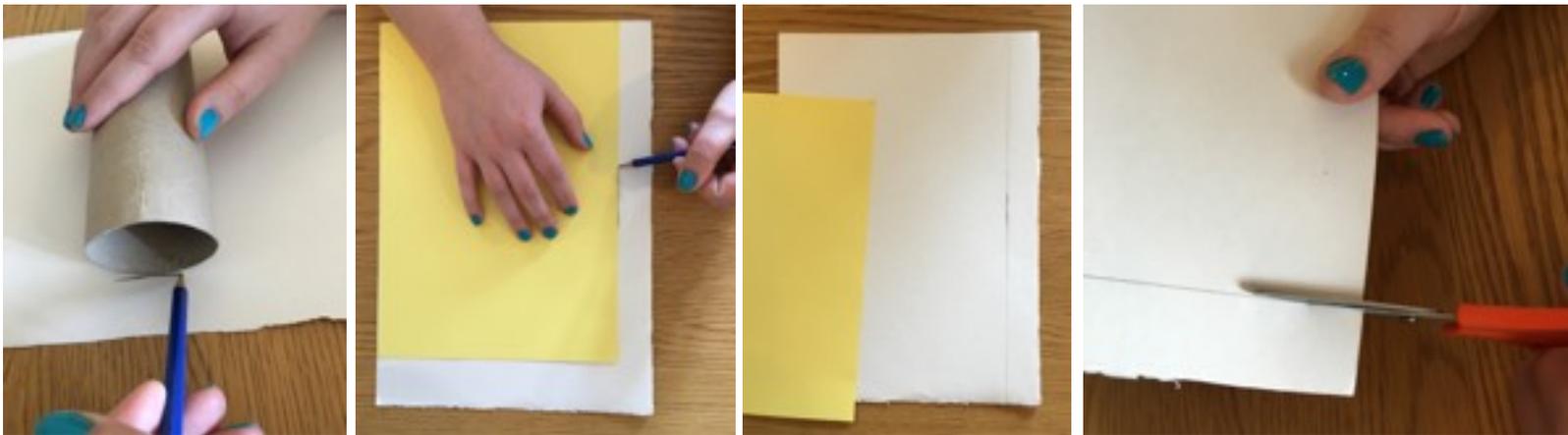
We love kaleidoscopes and all the amazing patterns you can see looking through them - why not try it yourself!

Tools and Materials:

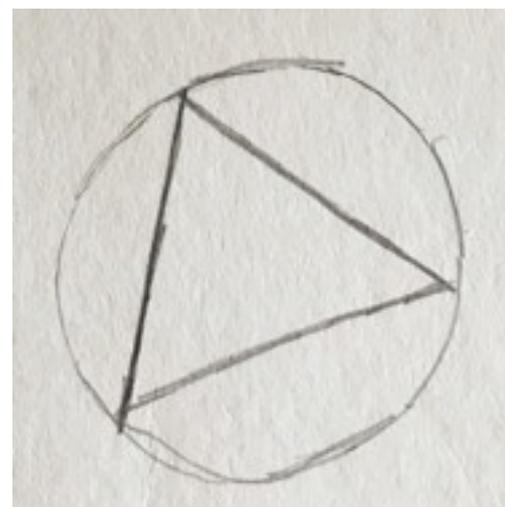
- Coloured Paper
- Scissors
- Pencil
- Glue Stick
- Sellotape
- Cling Film
- Kitchen Foil
- Kitchen Roll Innard
- Beads & Sequins
- Card



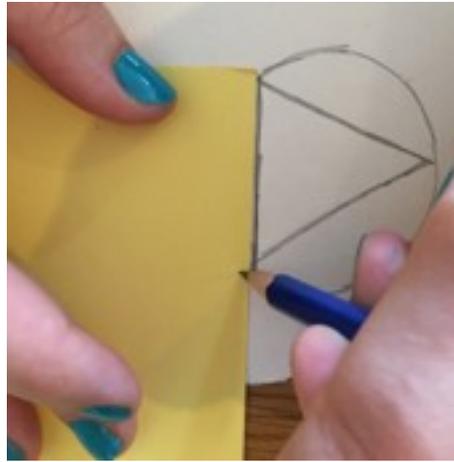
First we need to make the mirror bit for the inside - take the kitchen roll innard and measure from the edge of your card to the end of the kitchen roll and make a mark at the end - then using one of your bits of paper as a straight edge you can draw a line across; you can use a ruler if you prefer! Once you have the line across cut the extra bit off.



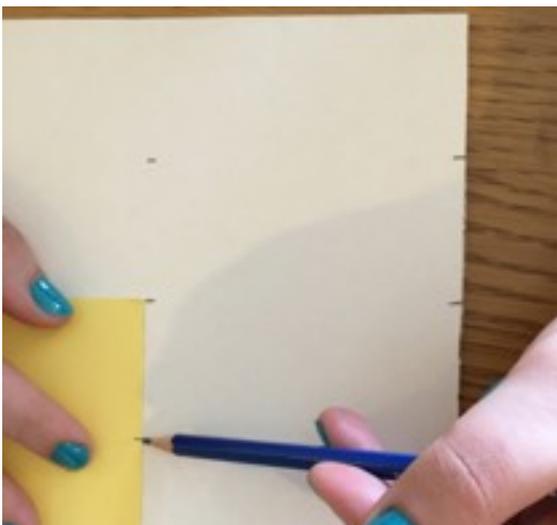
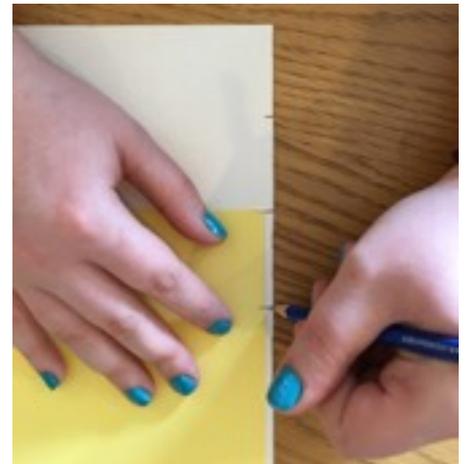
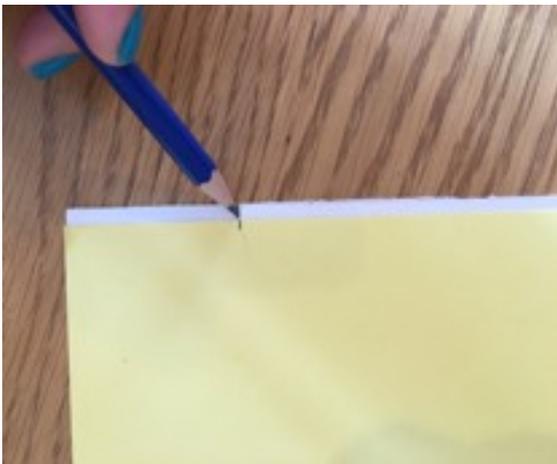
Once you have done that - draw around the end of your kitchen roll and try and draw a triangle in the middle like so - again you could use a ruler but we like to “guesstimate”!



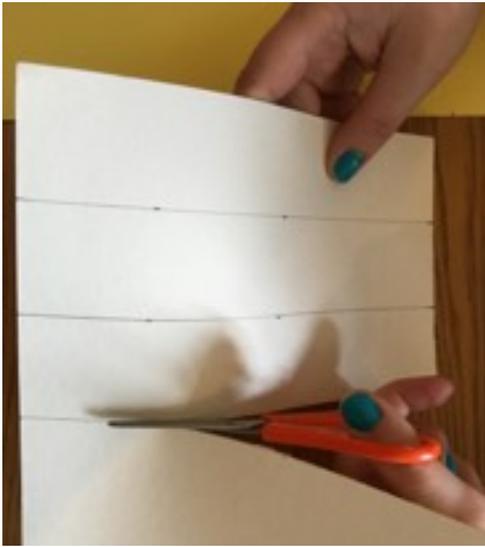
Using the triangle you have drawn, measure one of the sides and mark how long it is on your piece of paper - again you could have used a ruler but sometimes it is good to make use of the things you have to hand!



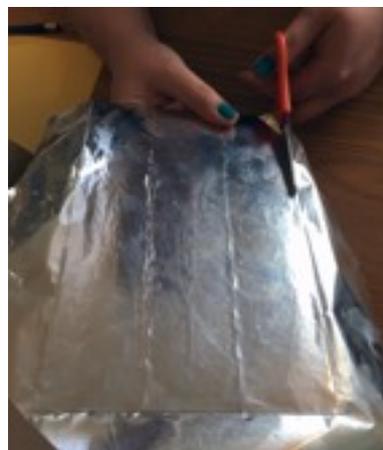
You can now use your paper to measure how long the bits are supposed to be. You need three sections the same size as the mark on your piece of paper - going the whole way along your card; you can repeat the process to get a straight line all the way down like so



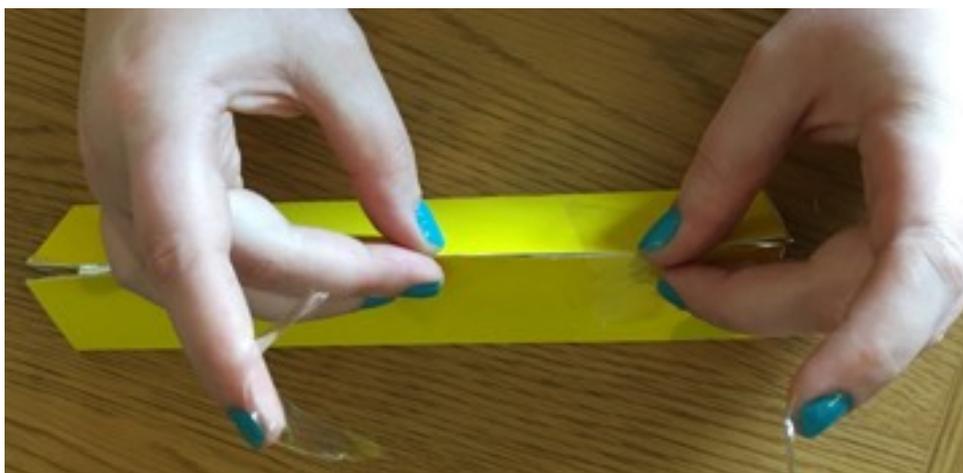
Cut the extra bit off and then fold the card along the 2 middle lines - this makes your mirror which is also a triangle



Now that you have your triangle we need to turn it into a mirror - cover it in glue and then cover in foil making sure the shiny side is facing you



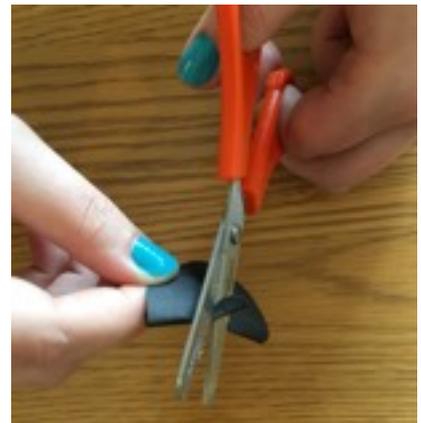
Then tape it together to form your triangle mirror making sure the foil is on the inside of your triangle



Once you have secured your triangle then put it inside your kitchen roll tube like so - if it is a little hard to put in you can bend it a little to make it easier



Take your kitchen roll tube and draw round it again on one of your coloured bits of paper - we used black because we thought it looked best to contrast against the light. Cut out the circle and then cut out a small circle in the middle - this is to look through; then tape it on



Now back to the other end of your kitchen roll innard - take some cling film and wrap it over the end - make it a little loose in the middle so you have a little dip; this is where your beads and sequins will go. Tape the cling film round the edges to make sure it's secure



Now for the fun bit! You can add your sequins and beads



Put another layer of clingfilm over the top - tight this time and sellotape it in place so none of your sequins or beads drop out of your kaleidoscope



Now to decorate your kaleidoscope! We rolled our up in paper to change the colour quickly like so



Using another piece of paper draw some decorations - we chose stars but you can do whatever you like; cut them out and stick them on



And there you have it your very own “Upcycled Kaleidoscope” what patterns can you see in yours?

