



Arts Commission for Dewsbury Creative Town programme by Saba Rifat

How to get involved.....

Introduction

‘As part of the Dewsbury Creative Town Arts Programme I have been commissioned to create a public art installation at the underpass under Rishworth Road. My process of developing creative ideas is through playfulness with pattern, form, and colour. I am excited to share this creative process with local communities, especially future artists, to encourage new connections and nurture mutual growth and development.

I am motivated by geometric patterns and the multitude of expressive possibilities crystalline patterns lend themselves to, and often feature elements of symmetry, repetition, and tessellations into my work. I am particularly fascinated by the relationship between surface pattern and 3-dimensional shapes, how new unexpected possibilities open up at the vertex points, when patterns are tessellated together onto polyhedral solids.

Dewsbury Town centre is abundant with rich heritage, character and ubiquitous patterns seen in her architectural details and outdoor urban spaces. The Town centre is rich with a wide range of patterns, which reflect our heritage and cultural diversity. It’s so important that these are incorporated into the underpass design so we can all appreciate the wonderful community we live in. I’m delighted to be involved with the Creative Town Arts programme and it’s a great honour that the underpass project will be the first commission to be completed as part of the programme.”

Saba Rifat, MA

Saba has created the following worksheet to encourage everyone to have a go at creating their own patterns. We would love you to share photos of your creations using the hashtag #CreativeTown.

Have fun!

CREATE! COLOUR! SHARE! FUN 3D SHAPES

Materials

- A4 Paper or card (160 gsm)
- Scissors, or craft knife
- Ruler
- A scoring tool (blank pen or drawing pin).
- Tacky craft glue (hi-tac) or tape
- Colouring tools (Felt tips, crayons, colouring pencils, paint etc)
- Cutting mat (if using craft knife)

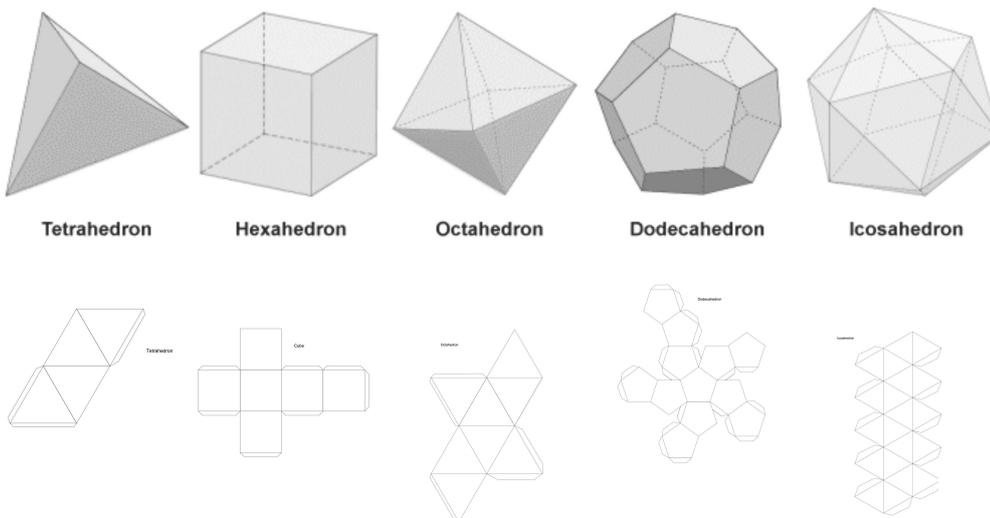
Tessellations are patterns made up with **shapes** that fit together without any gaps, Brick walls, tiled floors and the honeycomb patterns are examples of tessellations. This **creative, easy and fun activity** will use this method to build fun

Platonic solids (3D shapes).

Instructions

Step 1: Choose the 3D solid you want to make!

A Tetrahedron, a Cube, an Octahedron, a Dodecahedron or an Icosahedron



Tetrahedron 4 x triangles

Hexahedron 6 squares

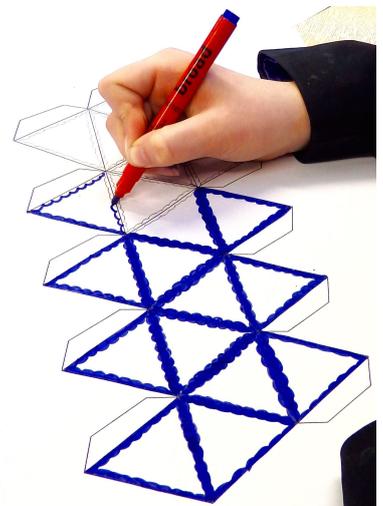
Octahedron 8 x triangles

Dodecahedron 12

Step 2: Print It! Draw it!

Templates for are available for each solid to download and print. **OR**

Create your own template by choosing a triangle, square or pentagon shape. Make a stencil or tracing of your shape. Repeat the shape onto card to make a tessellated pattern that resembles the 3D templates provided (see above). Tip: remember to draw in your glue tabs.



Step 3: Decorate it!

Be inspired by exploring surface patterns you can see around you. Look at details on buildings (stone carvings, windows, doorways), street signs, paving, drain



covers, road markings etc. Use lines, dots, waves, zigzags, abstract patterns, shading and textures to create a unique design. Add colours as you like with markers, paints, pencils or crayons. Feel free to use technique's such as stencilling, burnishing, embossing, block printing, digital manipulation etc.

Step 4: Cut it out!

Once step 3 completed carefully cut around the outline of polyhedron's template including the glue tabs. Try to make your cuts very straight and smooth.

Step 5: Score & Fold!

Score (scratch) the fold lines to make folding easier, sharper creases and gives a quality finish. Use a ruler when scoring to keep the fold lines straight.

Step 6: Assemble and Glue!

Gently form the solid, in your hand, into its shape then carefully glue each tab one by one into place. The solid will look neater with the tabs glued on the inside. It can be tricky but be patient as step 5 will make task easier. Clear double sided tape can also be used

Step 7: Share it!

Share your photos

On our social platforms

using #CreativeTown



@CreativeTown



@DewsCreative



@DewsburyCreativeTown

