

ACTIVITY 1: SKETCHING AND MODELLING YOUR FINAL SCULPTURE DESIGN

NAME: _____



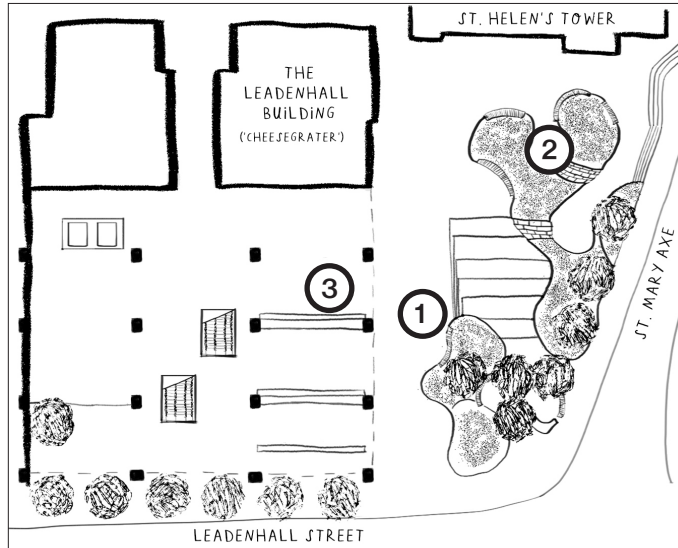
LEARNING OBJECTIVES:

- Consider context, scale, materials and form when designing.
- Practice sketching technique.
- Moving from 2D to 3D designing.

INSTRUCTIONS:

- Check your initial idea sketch to help draw and finalise your design. Draw one side of sculpture (flat on).
- Look at the Toolkits and choose a scaled person and model making techniques - see key information below.
- Label your sketch with what materials the sculpture would be in real life and the modelling techniques you want to use to represent them.

St Helen's Square Map - sculpture location



Key information:



- Look at scaled people and choose which one to work with - use this to help draw your sculpture to scale.
- What modelling techniques will help turn your 2D sketch into a 3D model?
- Think about if you want to use 'card slot joints' because your model uses lots of straight lines, or maybe 'spiralling' for a more curvy design!
- Remember this drawing doesn't have to look exactly like your first sketch!
- Use this drawing to help you work out the shapes and sizes of templates you need to create to model your sculpture, and see how it changes as you develop your ideas from 2D to 3D.

Drawing Space: When you finish your drawing, start making your model referring to both your drawing and model making tool kit.



TOOLKIT



SCALED PEOPLE @ 1:50 AND 1:25

KEY:



Fold



Cut



Glue

INSTRUCTIONS:

- Use the people to work out which scale to draw and then make a model of your sculpture at.
- TIP! Use 1:50 if your sculpture (in reality) is over double your height.
- Cut out the scaled people and fold the tab at the bottom.

1:50 THESE SCALED PEOPLE ARE 50 TIMES SMALLER THAN REAL PEOPLE!



i'M AN ADULT MAN!



i'M AN ADULT WOMAN!



i'M A 14 YEAR OLD BOY!



i'M A 12 YEAR OLD GIRL!



i'M A 10 YEAR OLD GIRL!



i'M A 10 YEAR OLD BOY!

1:25 THESE SCALED PEOPLE ARE 25 TIMES SMALLER THAN REAL PEOPLE!



i'M AN ADULT MAN!



i'M A 14 YEAR OLD BOY!



i'M A 12 YEAR OLD GIRL!



i'M A 10 YEAR OLD GIRL!

TOOLKIT



MODELLING YOUR FINAL SCULPTURE DESIGN

KEY:



Fold



Cut



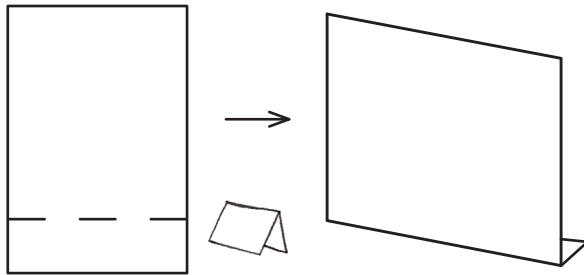
Glue

INSTRUCTIONS:

- Read through the different modelling techniques and pick which one(s) you want to use when drawing your sculpture idea on the activity sheet.
- Once your sculpture drawing is finished, follow the instructions below to create your 3D model.

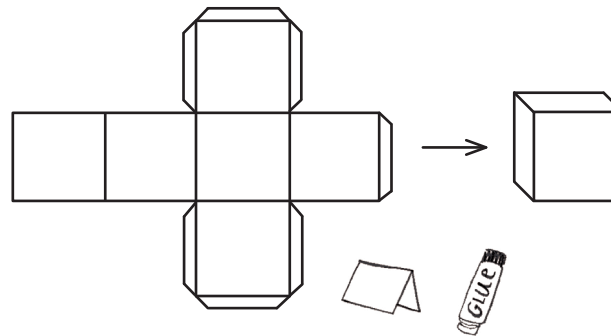
Folding Card/Paper:

1. Measure a 2/3cm section of the paper/card with a ruler, mark with a pencil and fold.
 2. Holding at a 90 degree angle, use glue on the under side of the section and fix to your model base.
- TIP: Can cut shapes into the paper to make different flat sculptures.



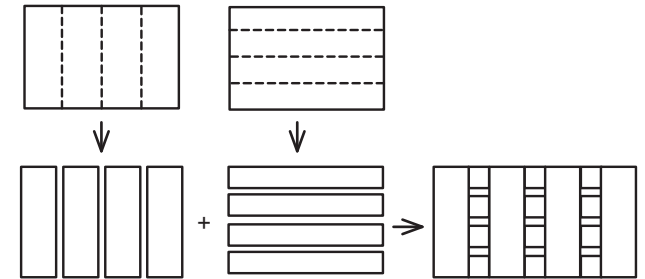
Nets:

1. Draw out the net pattern on your card/paper.
 2. Cut around the edges carefully.
 3. Fold together and glue the tabs together if needed.
- TIP: Can be used for a variety of shapes!



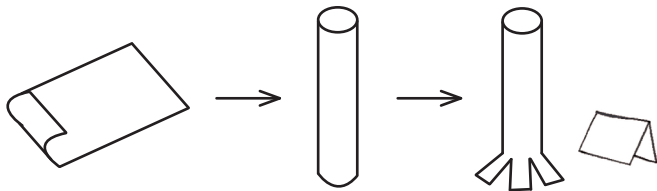
Lattice:

1. Cut the pieces of paper/card in horizontal and vertical directions.
 2. Weave them in and out of each other or layer them on top of each other.
 3. Glue the edges down to make it secure.
- TIP: Can be used for sculptures that create interesting shadows.



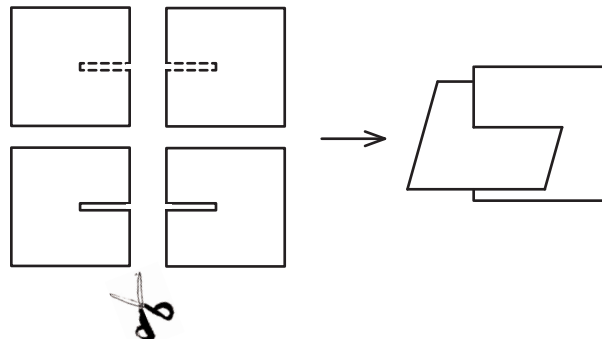
Rolling Card/Paper:

1. Choose size and length of paper or card.
 2. Roll into a tight tube along the side.
 3. Measuring a small length up the side of the tube, snip several slots along the end and push out to make the base.
- TIP: Can be used for cylindrical sculptures or support columns.



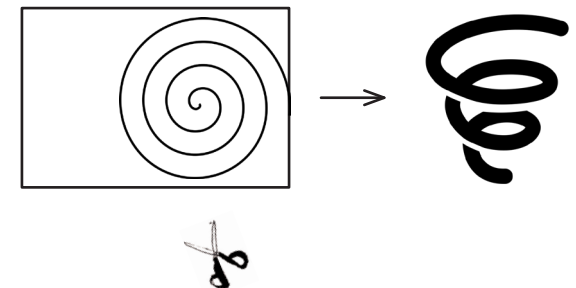
Card/Paper Slot Joints:

1. Cut 2 squares of card/paper to size.
 2. Measure through the middle and cut out a very thin strip of equal length on both.
- TIP: Can be used to make unusual geometric shaped sculptures.



Spiralling:

1. Using a sheet of thin card or paper, draw out a wide spiral shape and cut it out.
 2. Stretch out the spiral and glue the ends to other bits of card or hand with string.
- TIP: Can be used for curvy sculptures.



ACTIVITY 2: CHATTERBOX CAREER GAME

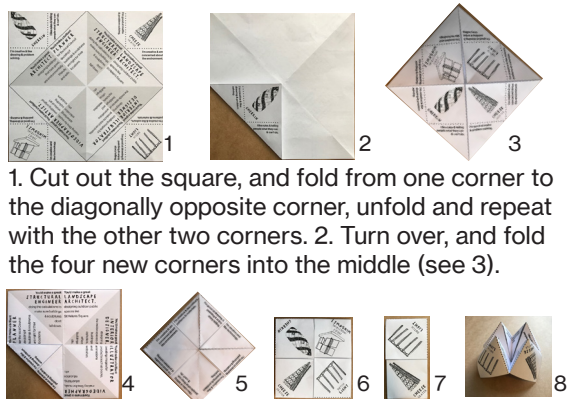


LEARNING OBJECTIVES:

- Learn about different careers in the creative and built environment industries.

INSTRUCTIONS:

- Folding the 'Chatterbox'



1. Cut out the square, and fold from one corner to the diagonally opposite corner, unfold and repeat with the other two corners. 2. Turn over, and fold the four new corners into the middle (see 3).
4. Turn over, and fold the four new corners to the centre (see 5.) 6. Turn over. 7. Fold in half and unfold, and repeat in the other direction. 8. Put your thumbs and index fingers in the pockets under the images, and open the chatterbox!

- How to Play the game with up to 4 players?**

 - Ask a friend to pick a building or sculpture.
 - Spell out the **bold word** as you move the chatterbox back and forth (i.e. **LIGHT**, 5 letters = 5 moves). Leave it open at where it lands when the last letter is read out.
 - Ask your friend to pick one of the four character descriptions. Open the flap of the one picked, and let them read a possible future career!
 - Pass the chatterbox on and repeat.

CHAPTER 8

SCULPTURE IN THE CITY

