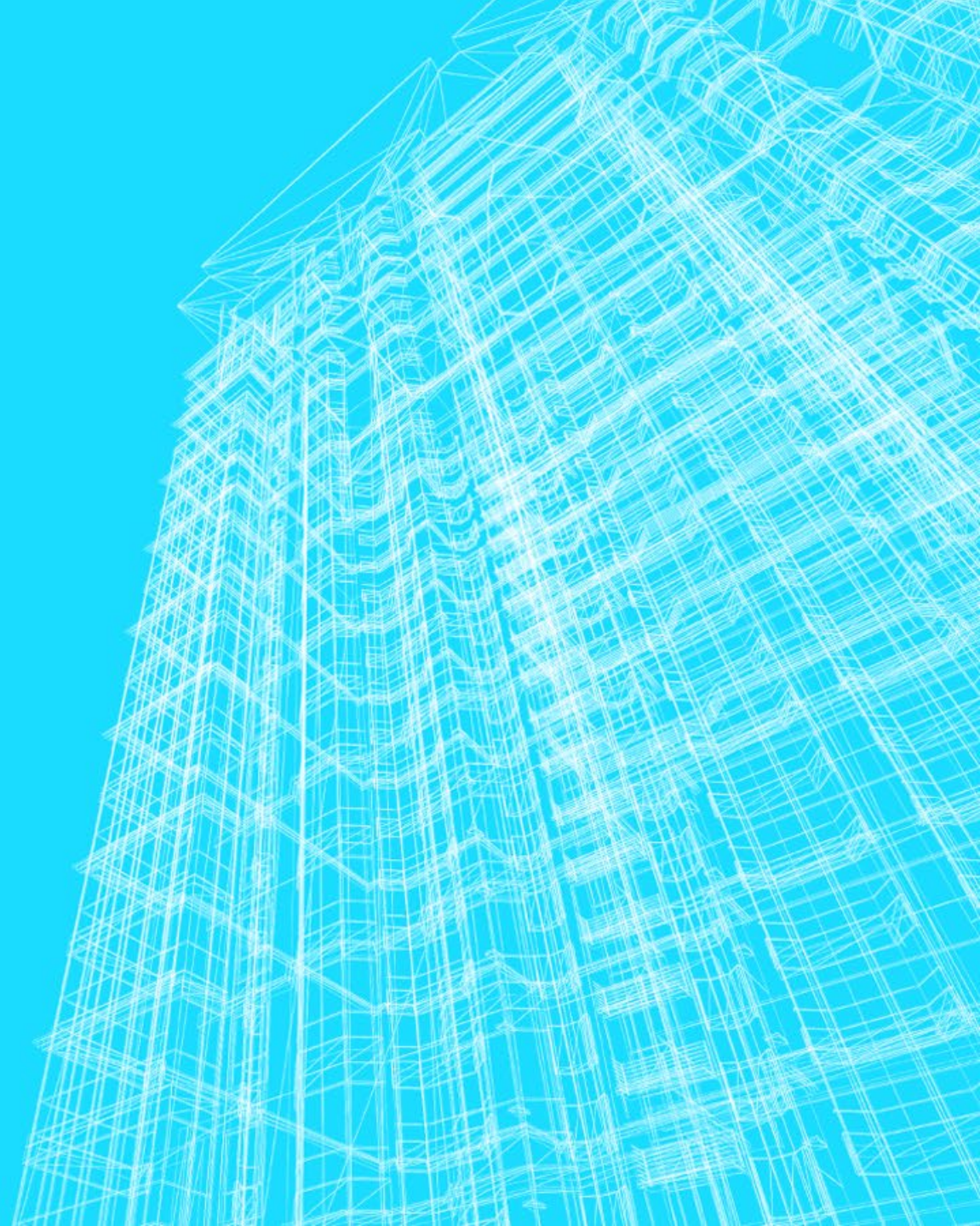


GRAPHIC DESIGN ASSIGNMENT

Year 7

Mr Padget and Mr Moncrieff



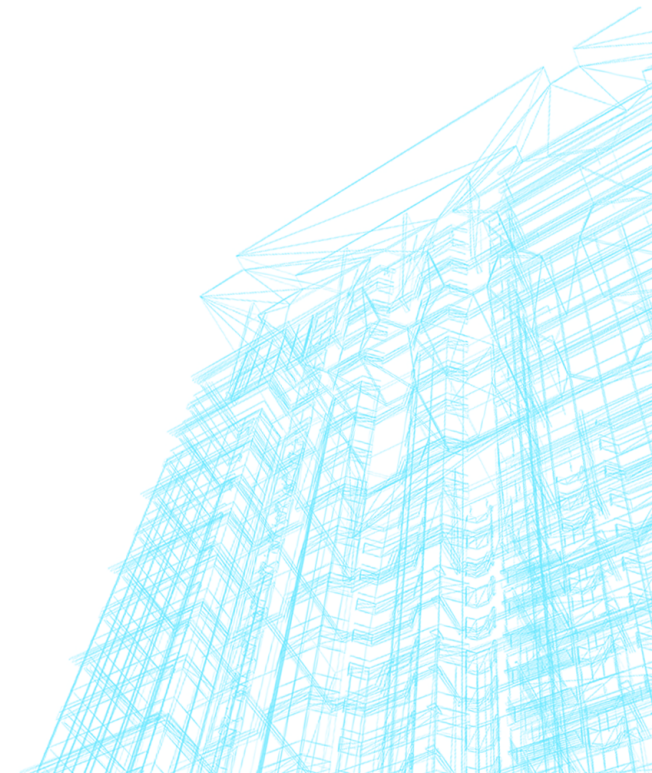
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	Earnshaw State College		
	Student name: EXEMPLAR		Student number:
	Teacher name: MR MONCRIEFF		Date:
Subject	Year 7 Graphics		
Technique	Graphic Design Assignment		
Unit	Engineered and Graphic Design (GRD)		
Topic	Promotional Decorations		
Conditions			
Time	5 Weeks	Perusal	-
Word length	-	Seen/unseen	Seen
Due Date		Draft Due	
Instructions			
You are required to work your way through the following pages with teacher direction.			
Task			
You have been approached by the Board of Directors at Coles to produce a design for a Christmas tree decoration to be laser cut out of plywood. They require the size to be no greater than 100 x 100 and 3mm thick. The decoration will not be painted or varnished. The Board of Directors would like to see a storyboard of your design process culminating in the presentation of a 2D and 3D view of your design. They would like the drawings as realistic and as large as possible on an A4 page.			
Stimulus/Context			
Example Stimulus 			
Assessment objective/s			
• Knowledge and Understanding • Processes and Production Skills			
Statement Of Authenticity			

LET'S LOOK AT YOUR ASSIGNMENT TEMPLATE



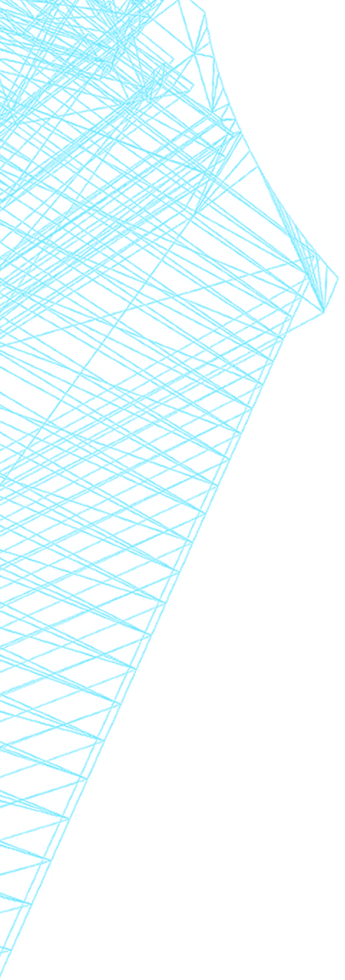
FILE MANAGEMENT

- **Step 1** Go to where you have saved your template in **File Manager (G Drive)**

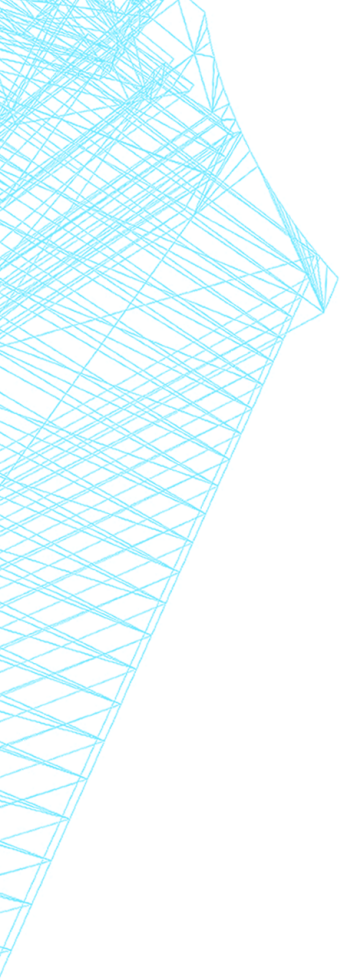


- **Step 2** Your template needs to be saved as follows:

SURNAME, First Name_Yr 7 Design Assignment



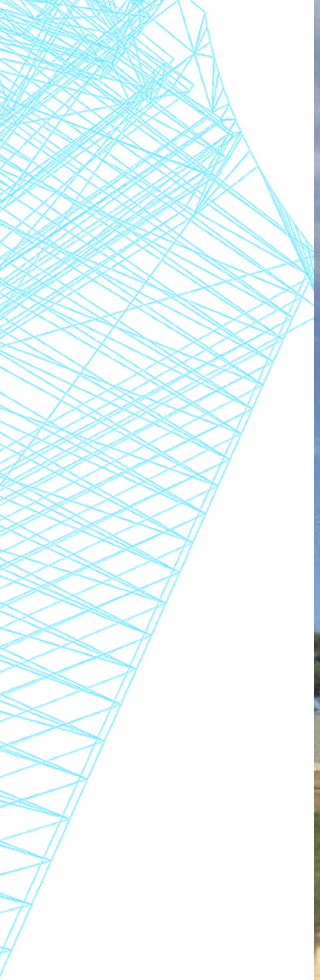
**REMOVE ALL DOTTED LINES AFTER YOU HAVE
TYPED YOUR ANSWERS TO THE QUESTIONS**



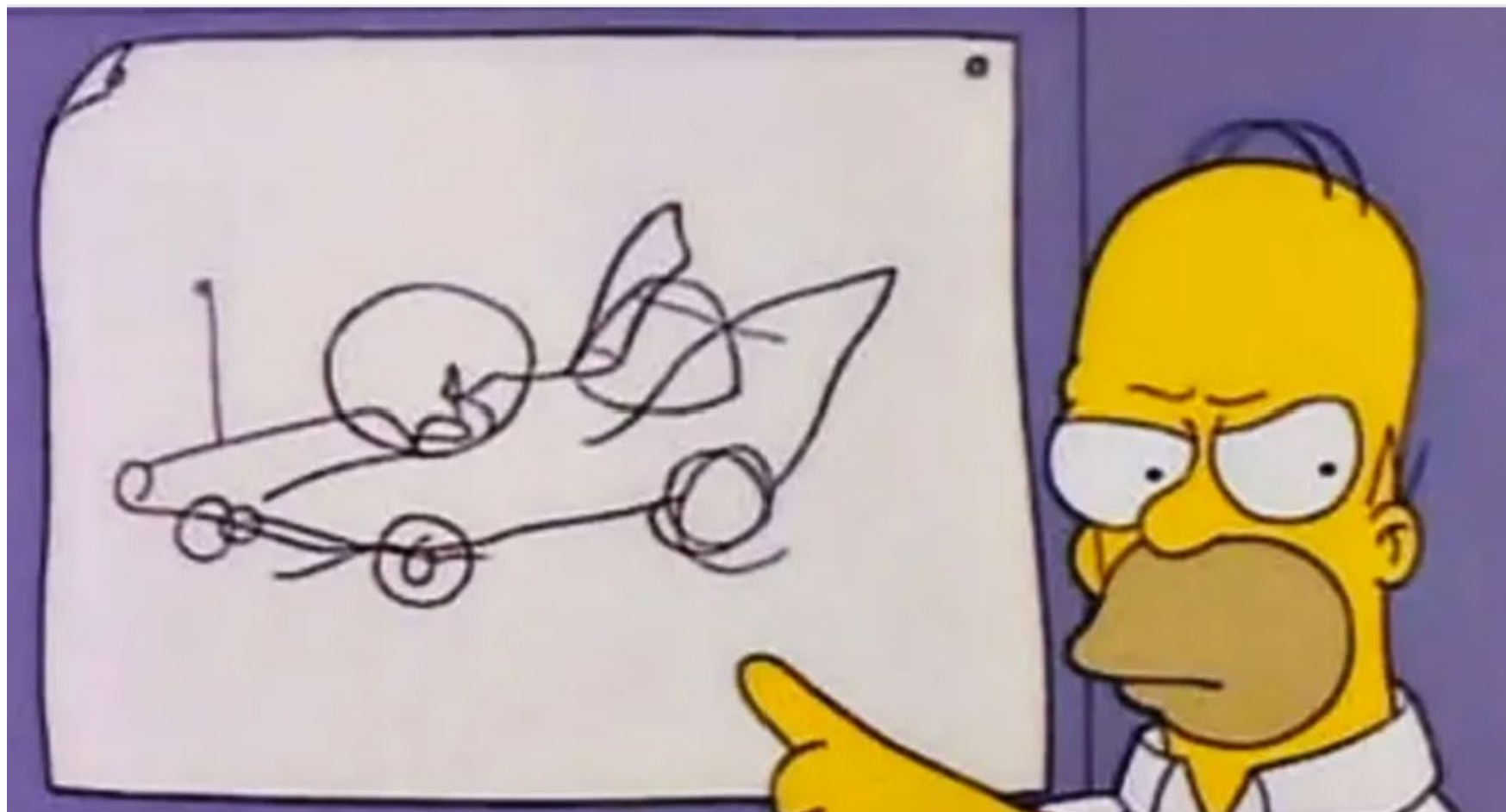
WHY DO WE DESIGN / PLAN THINGS?



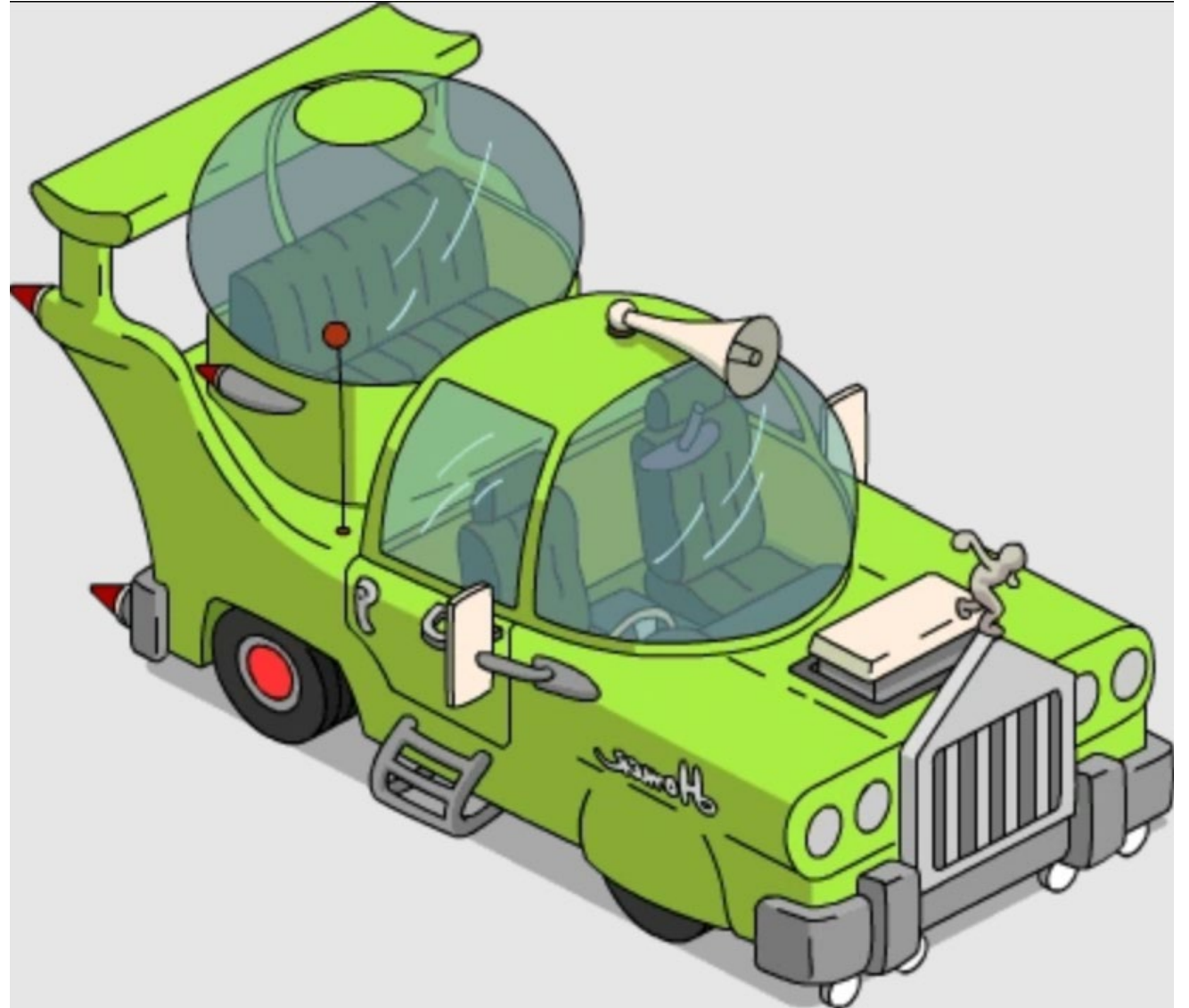
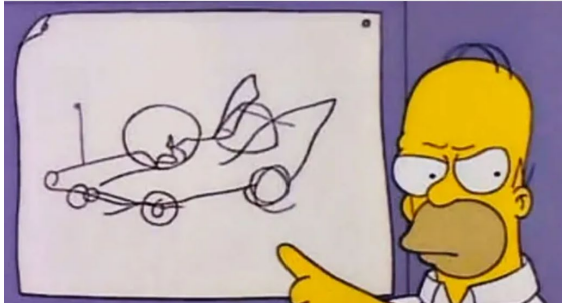
Can I be paid now?

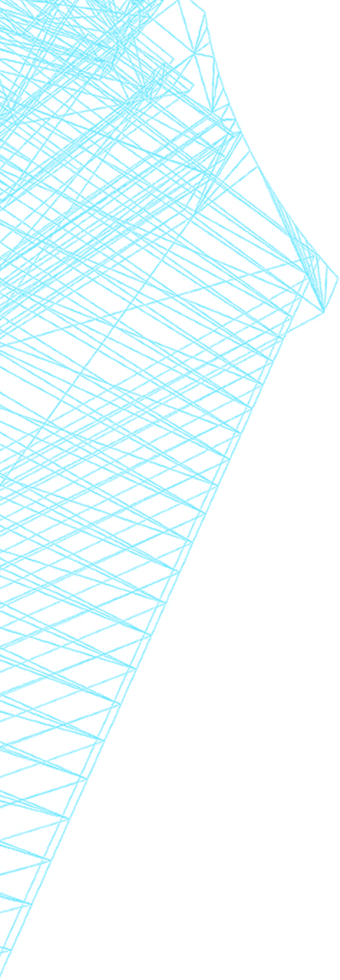


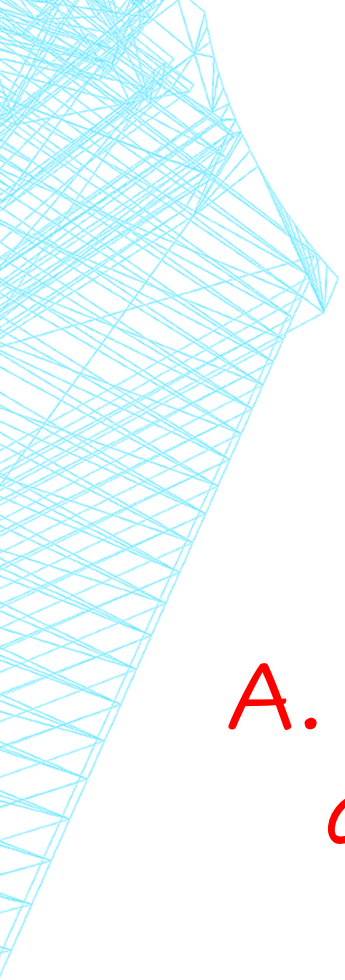
THE HOMER



THE HOMER







TECHNOLOGIES AND SOCIETY

Why is graphics important in society?

A. Most products that are man-made are designed and drawn first; therefore, graphics is important in society.

TECHNOLOGIES AND SOCIETY

Why is graphics important in society?

Functional utility

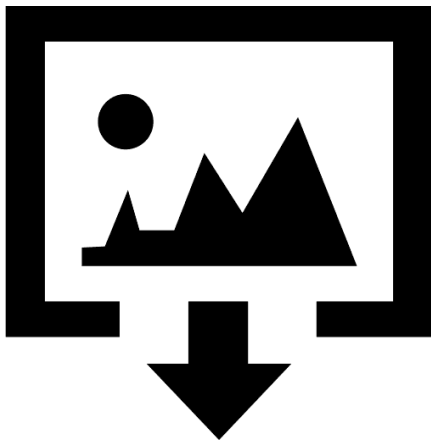
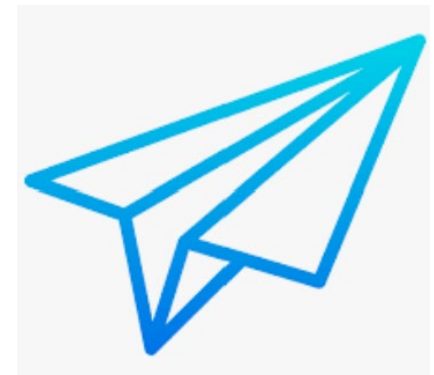
Utility - the state of being helpful or beneficial.



TECHNOLOGIES AND SOCIETY

Why is graphics important in society?

Visual communication



TECHNOLOGIES AND SOCIETY

Why is graphics important in society?

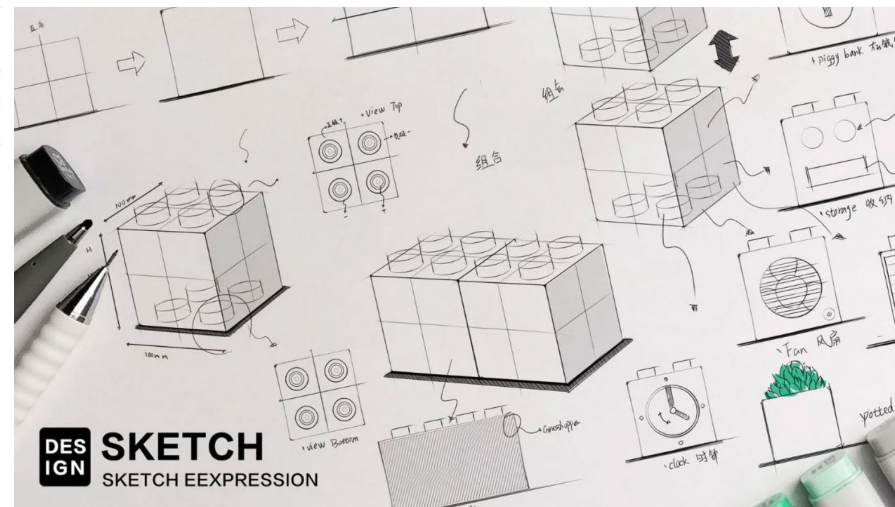
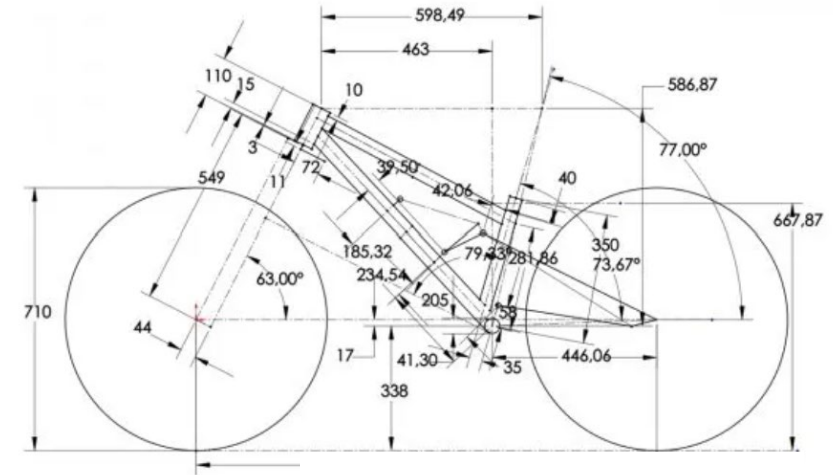
Aesthetic appeal

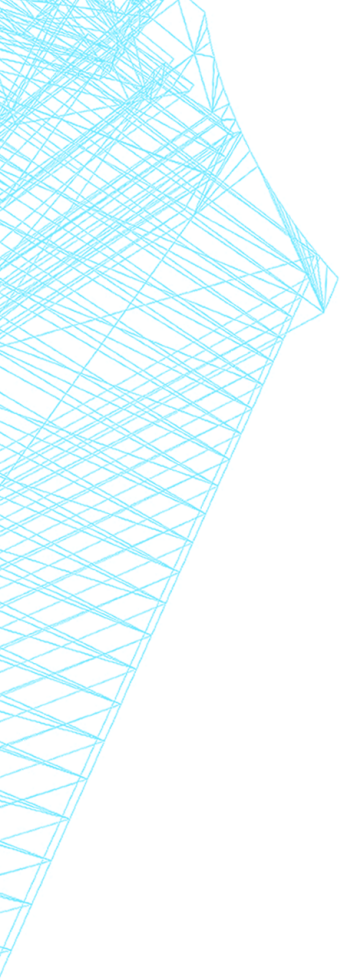


TECHNOLOGIES AND SOCIETY

Why is graphics important in society?

Product design





5 FACTORS THAT INFLUENCE DESIGN

1. Material
2. Size
3. Shape
4. Technology
5. Colour

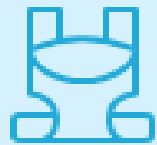
Your assignment

- Plywood
- 100mm x 100mm
- **Your decision**
- Inventor
- **Your decision**

Factors Contributing to a Well-Designed Backpack

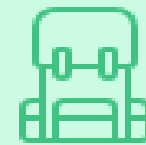
Comfortable Straps

Adjustable straps ensure a comfortable fit.



Useful Compartments

The backpack's shape and compartments enhance organization.



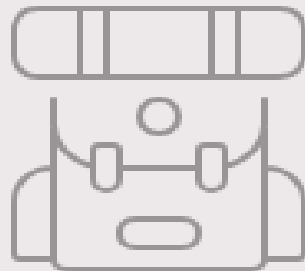
Durable Material

The material is light, durable, and resistant to damage.



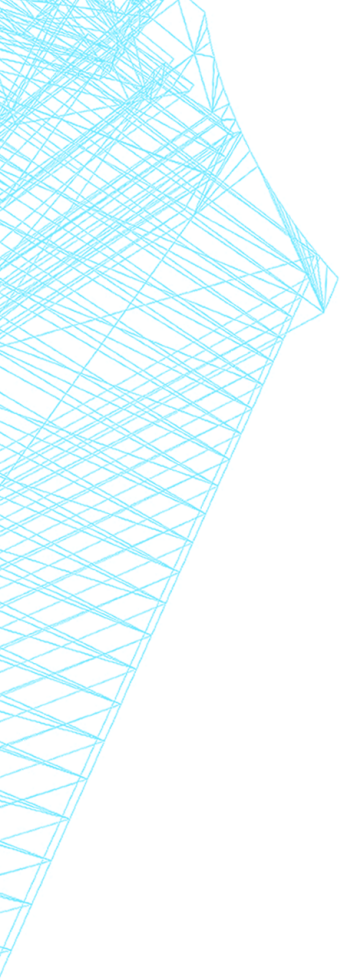
Black Color

The color hides dirt and maintains a clean appearance.



EXAMPLE





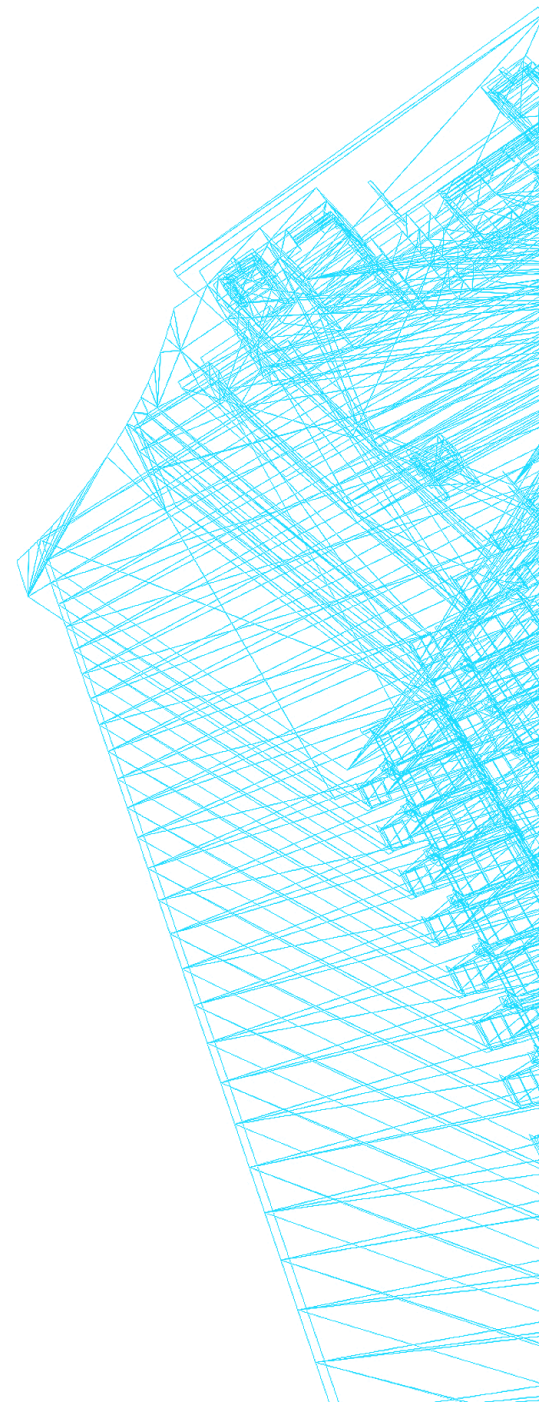
WHAT MAKES A GOOD DESIGN?

- Class discussion: Is this a good logo? Why?

TECHNOLOGIES CONTEXTS



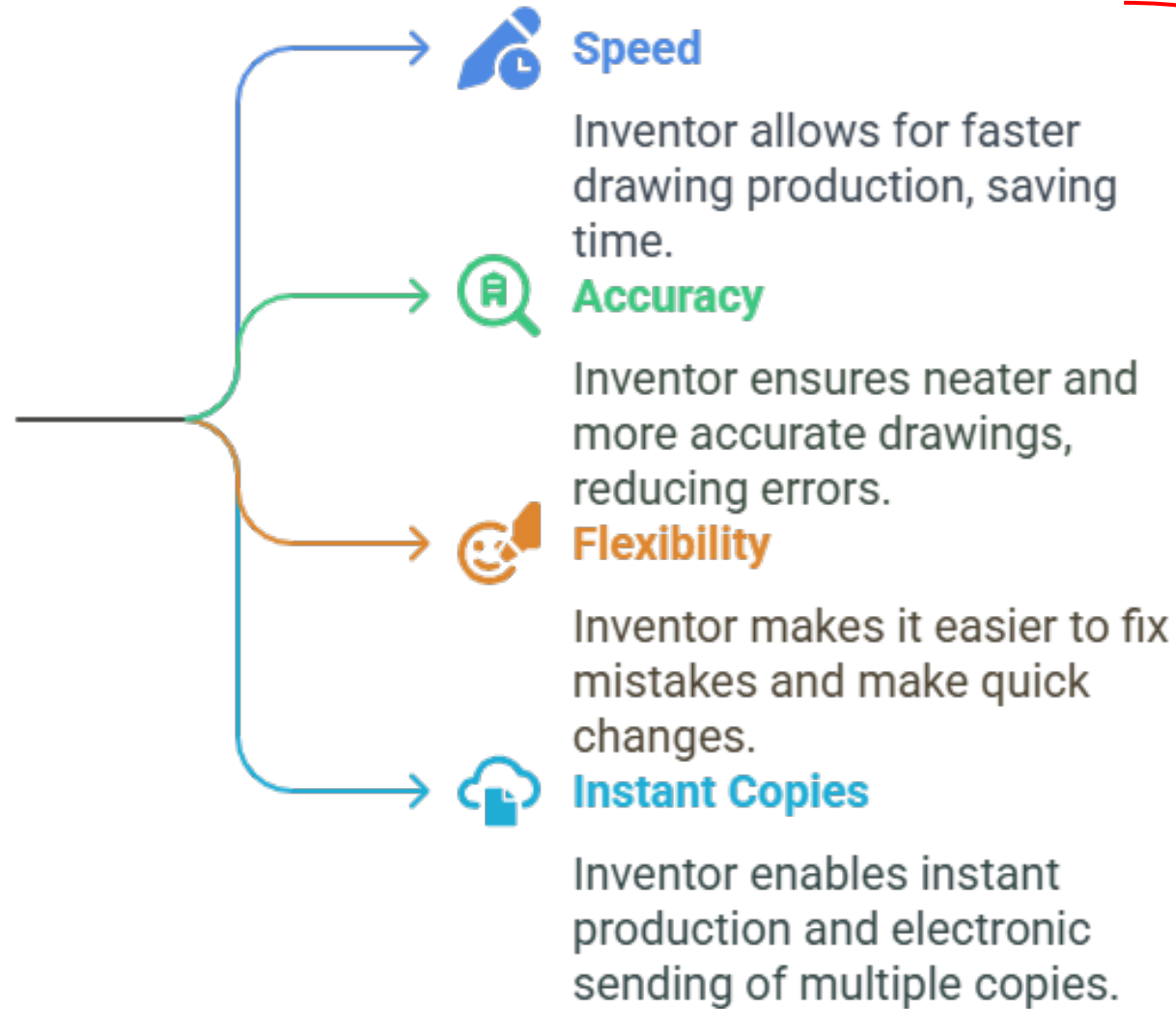
Inventor



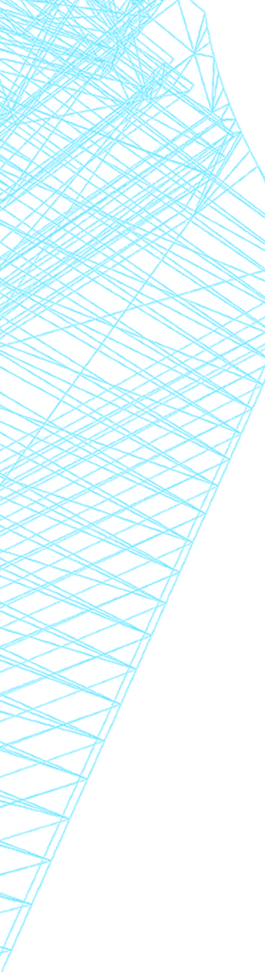
TECHNOLOGIES CONTEXTS



What are the advantages of using Inventor over manual drawing?



Write in your template



PROCESS AND PRODUCTION SKILLS

Investigating and Defining

Identify and highlight the key words in the Task below.

TASK

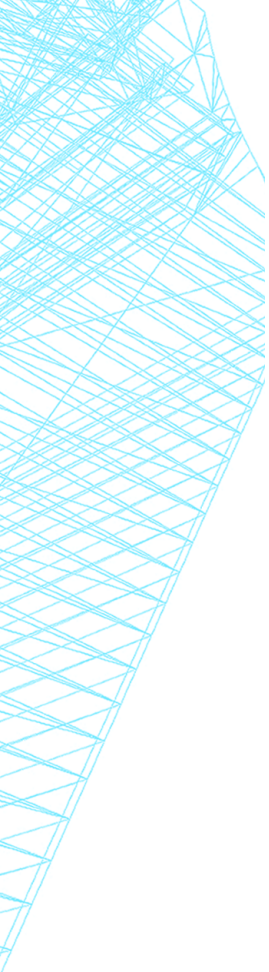
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PROCESS AND PRODUCTION SKILLS

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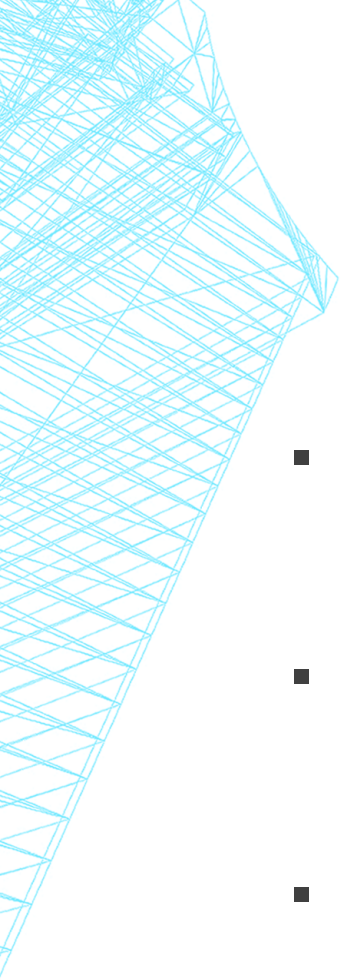
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HOW DO WE APPROACH THIS DESIGN TASK?

- Step 1 Investigate **existing** laser-cut Christmas Tree decorations on Google images
- Step 2 **Copy and paste 3 images** into your assignment template that appeal to consider as part of your design.
- Step 3 Comment about the positives and negatives of the **size, colour and shape** of each image

Let's see an example of what we expect with
regards to your written comments

HOW TO WRITE DESIGN COMMENTS

YEAR 7 & 8 DESIGN ANALYSIS

RATING/GRADE	COMMENT
D	I like the colour.
C	I like the colour because it is bright.
B	I like the colour because it is very bright yellow.
A	I like the colour because it is bright yellow that I think suits the Christmas theme.

Comment sandwich



Your goal is to put some flavour into your comments!



WHAT DO I DO WHEN I FIND AN IMAGE I LIKE?

- Step 1 Use the Snipping Tool

- Go to the magnifying glass below
- Type in the search field 'Snip'

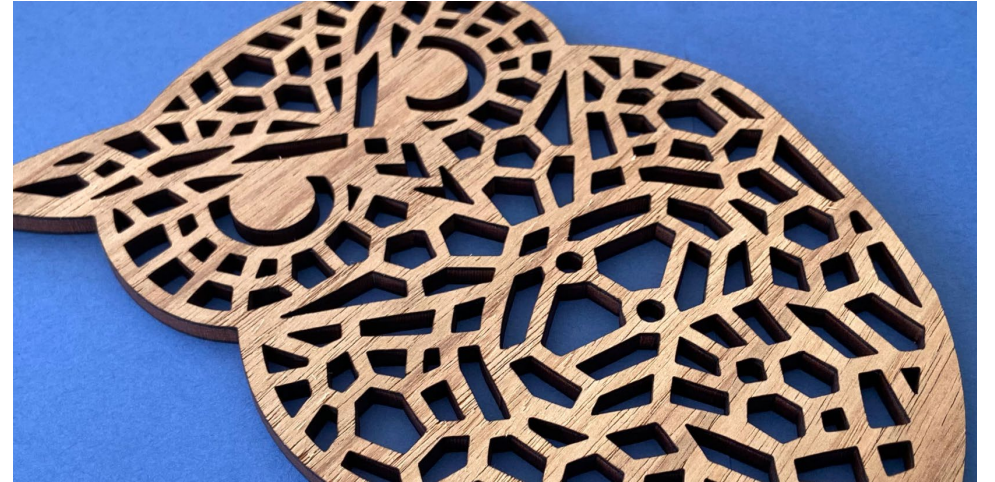


- Step 2 **Copy and paste three images** into your assignment template

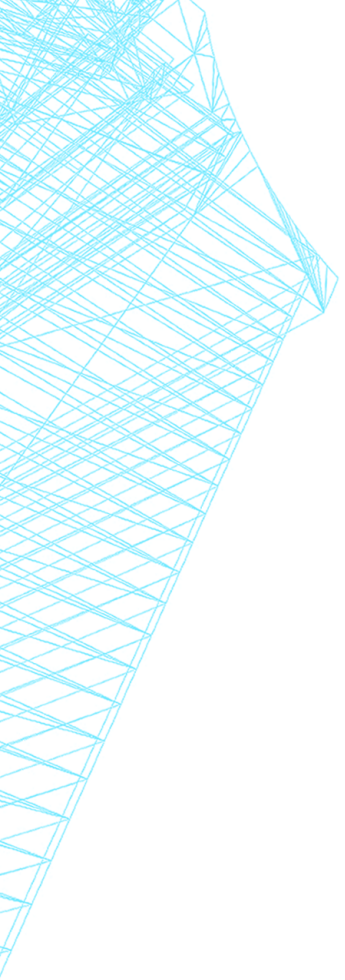
- Step 3 Comment about the positives or negatives of the **size, colour and shape** of each image



DIFFERENCE BETWEEN ENGRAVING AND LASER CUTTING?THE



Closed loops



SEARCH TERMS YOU MIGHT WANT TO TRY

- laser-cut Christmas tree decoration designs
- plywood Christmas ornament laser cut ideas
- laser-cut Christmas decorations
- 3mm plywood laser-cut Christmas decoration designs
- engraved Christmas ornaments on plywood
- Christmas icons silhouette design

Tip: Use the 'Images' tab in Google to get visual ideas.

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NOW THAT YOU HAVE CONSIDERED THE ABOVE SHAPES, **DESCRIBE IN A COUPLE OF SENTENCES, WHAT YOU WOULD LIKE YOUR DESIGN TO LOOK LIKE AND WHY?**

I really like the look of the Christmas bauble. I want to have multiple elements in one design, like the bauble.

However, I am worried I will not be able to draw the details accurately to make it look good.

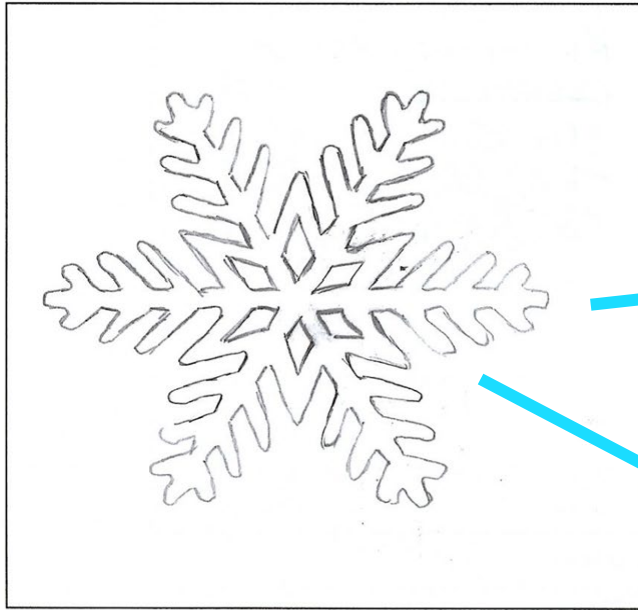
I think the reindeer is a little too plain for me, but I will include it in my final design.

I would like to design a stocking decoration because I think I can combine a couple of different design elements, similar to the bauble, and make it original in my style.



Design 1

THIS SNOWFLAKE IS SYMMETRICAL, MEANING THAT IT LOOKS THE SAME ALL AROUND FROM THE CENTRE. IT INCLUDES ANGLES AND GEOMETRIC PATTERNS TO MAKE IT LOOK CRISP AND ICY. THIS SHAPE IS PERFECT FOR LASER CUTTING.



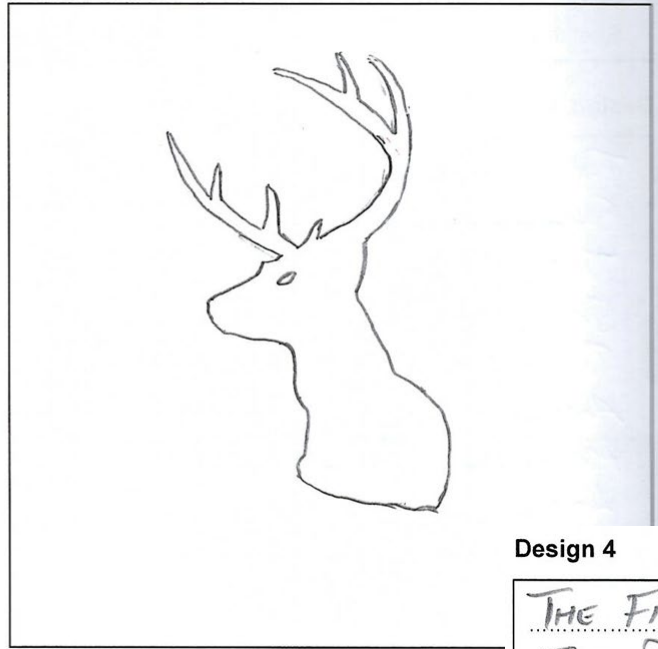
Design 2

THIS SNOWMAN SHAPE USES SIMPLE SHAPES LIKE CIRCLES FOR THE BODY AND BUTTONS, AND CURVED LINES FOR THE SMILE, ARMS AND HAT. IT ALSO SHOWS SYMMETRY AS BOTH SIDE OF THE SNOWMAN LOOK ALMOST THE SAME. THIS SHAPE WILL WORK WELL FOR LASER CUTTING.



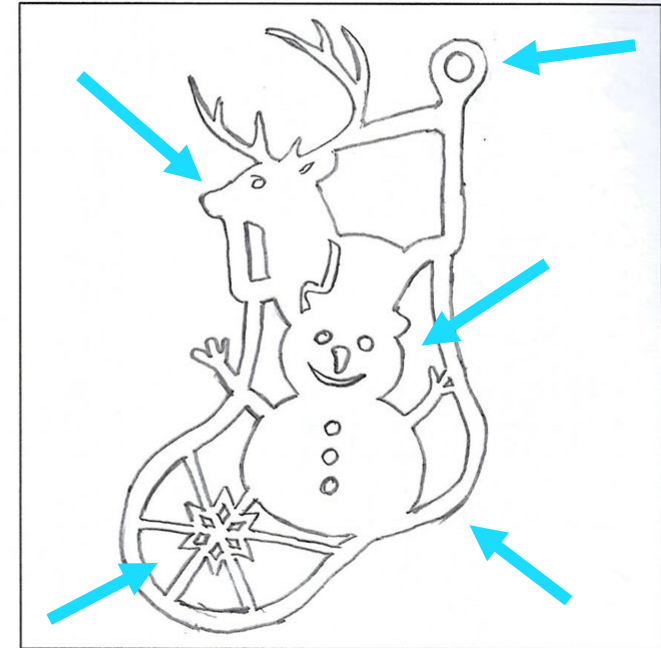
Design 3

THE REINDEER SHAPE
USES CURVED LINES
TO SHOW THE NATURAL
FORM OF THE REINDEER.
REINDEERS ARE A
CHRISTMAS IMAGE AND
HAS CLEAR LINES
THAT WILL BE IDEAL
FOR LASER CUTTING.

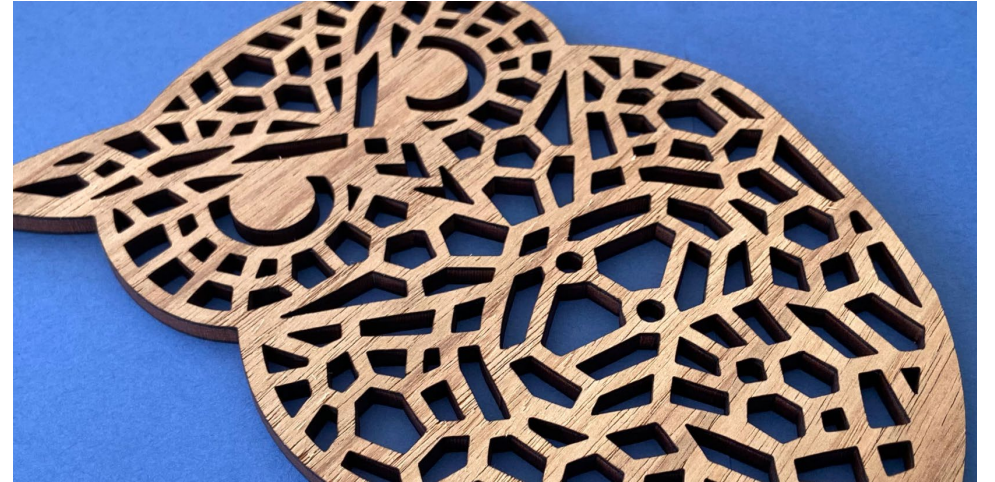


Design 4

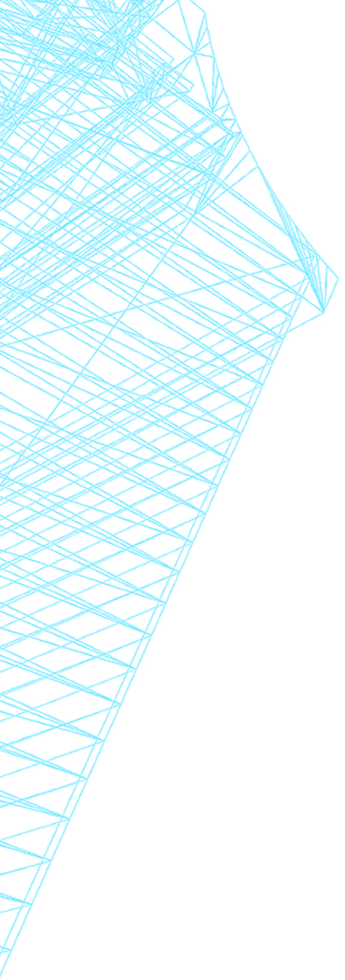
THE FINAL DESIGN USE
THE PREVIOUS IMAGES
INSIDE A CHRISTMAS
STOCKING. I POSITIONED
EACH IMAGE TO ENSURE
GOOD USE OF THE
SPACE, WHILE ALSO
THINKING ABOUT MAKING
SURE THAT IT WAS
ONE CONTINUOUS
SILHOUTTE FOR LASER
CUTTING.

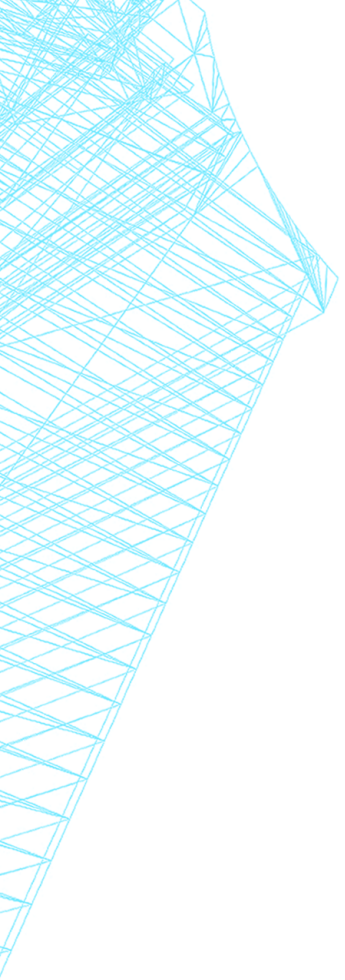


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1. Finish your Christmas design in Inventor and extrude to 3mm

1. Colour your design in natural wood colour
2. Colour the edge of your design black
3. Snip both 2D view and 3D view
4. Copy into your ASSIGNMENT template

I'll show you how

2. Import your scanned design template into your assignment

3. Re-check your work and make sure you're happy with your assignment

4. Dimension your 7 blocks