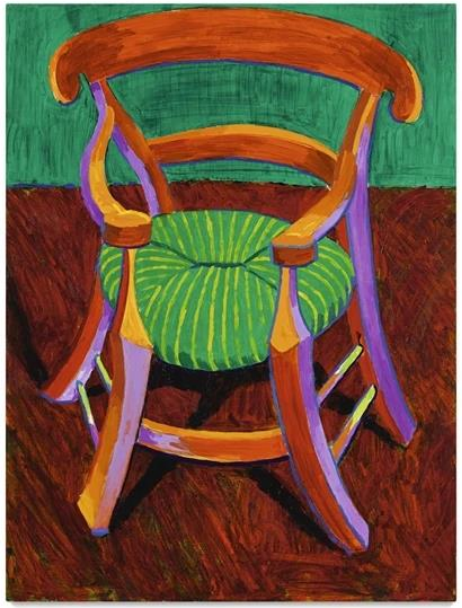
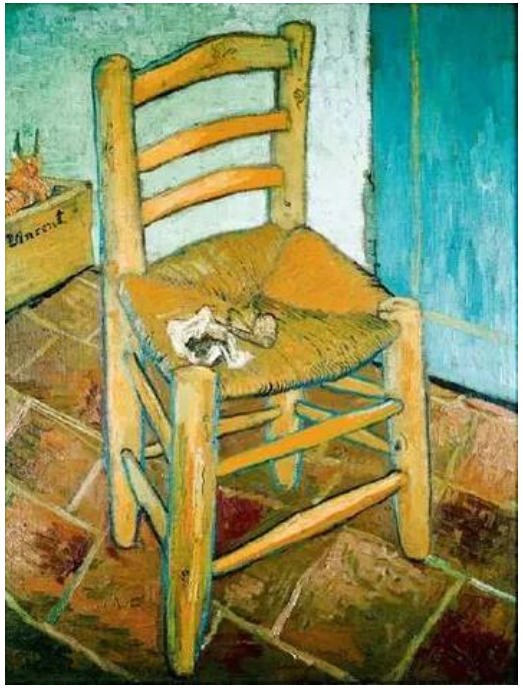
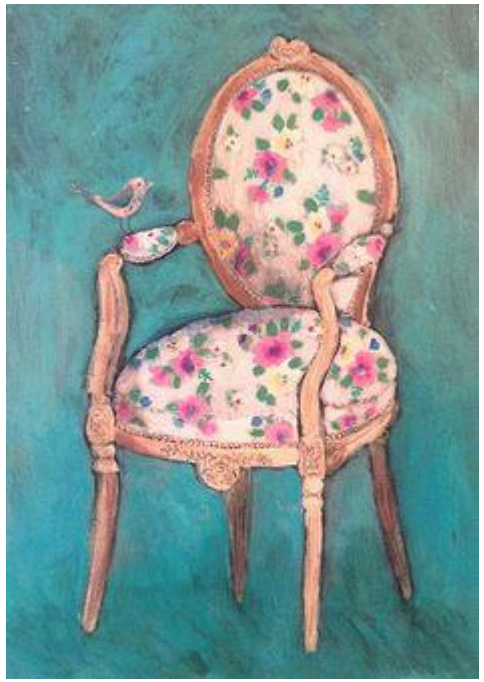
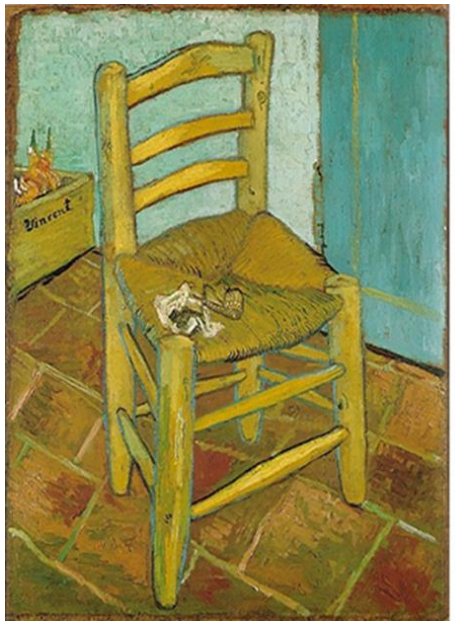
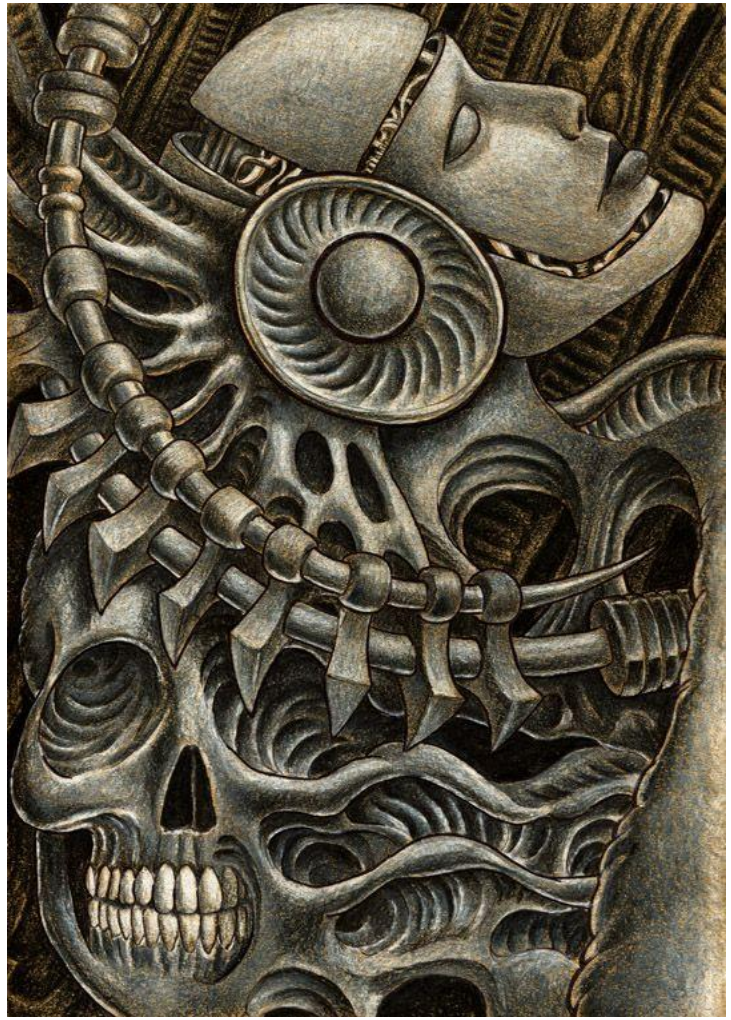




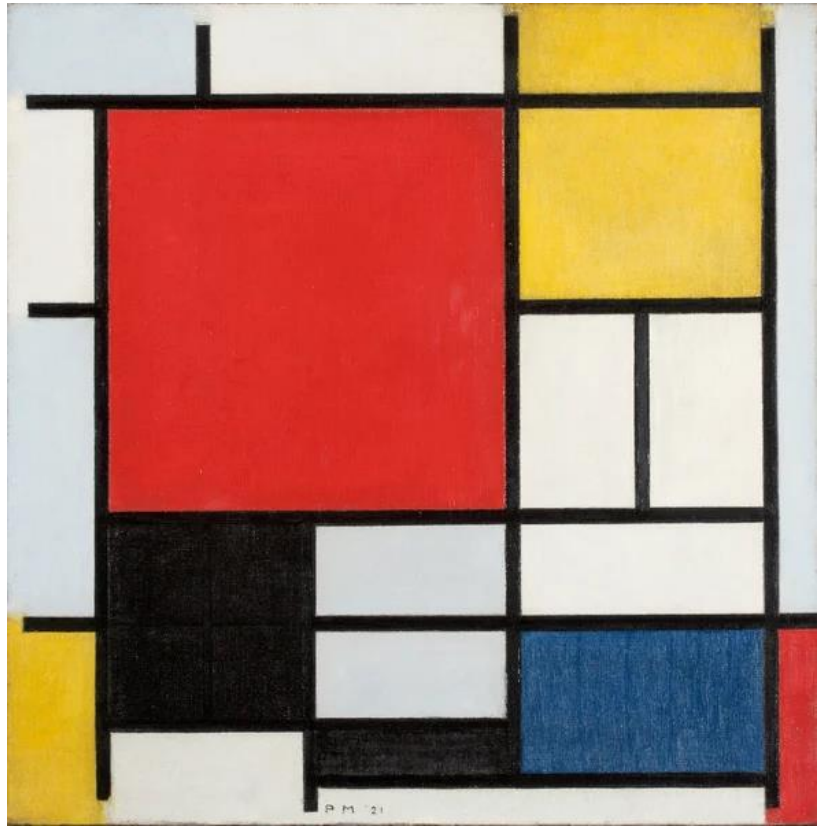
Chairs Janák/ Cubist chair, 1991

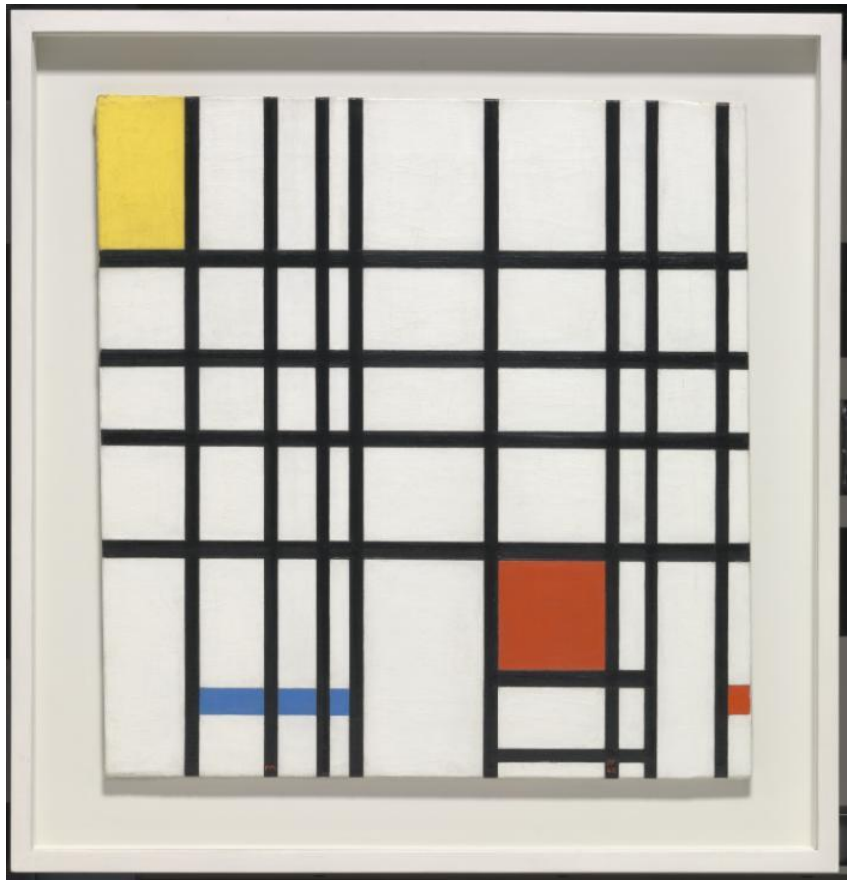
Cubism Art



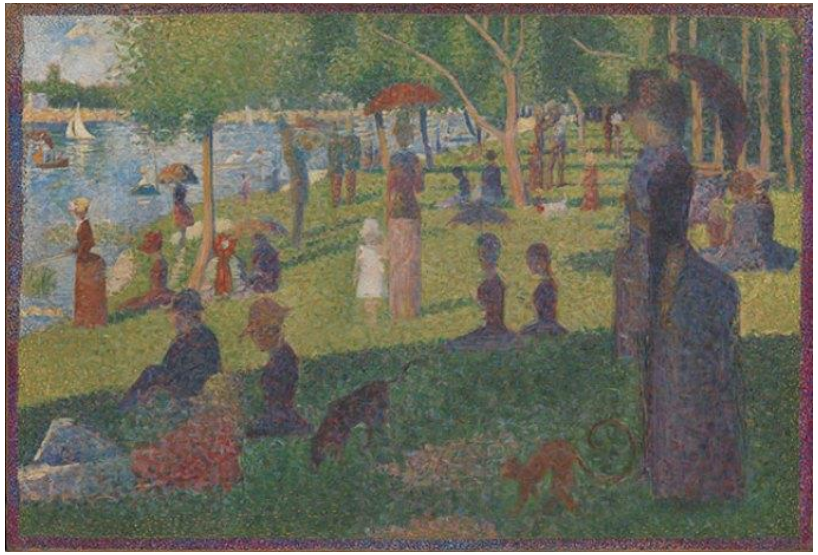
Biomechanical
Art

Modern Art



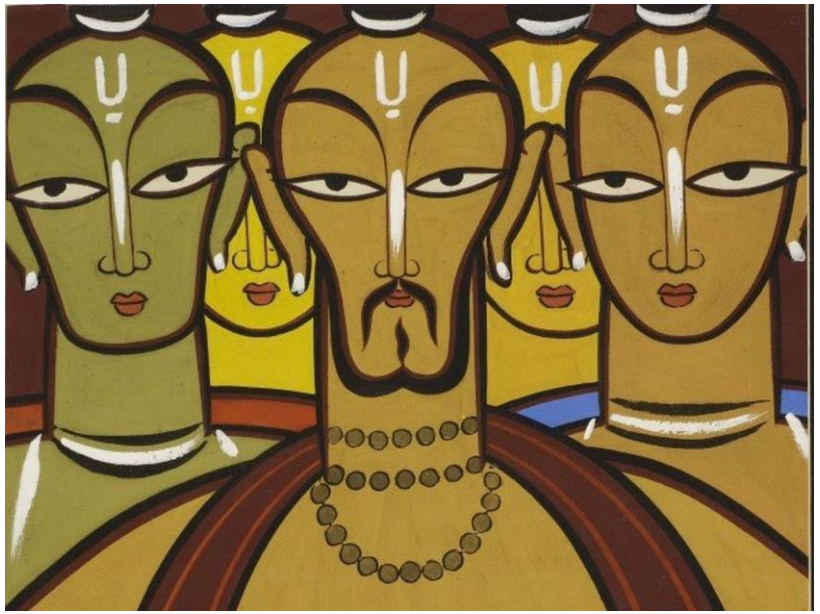


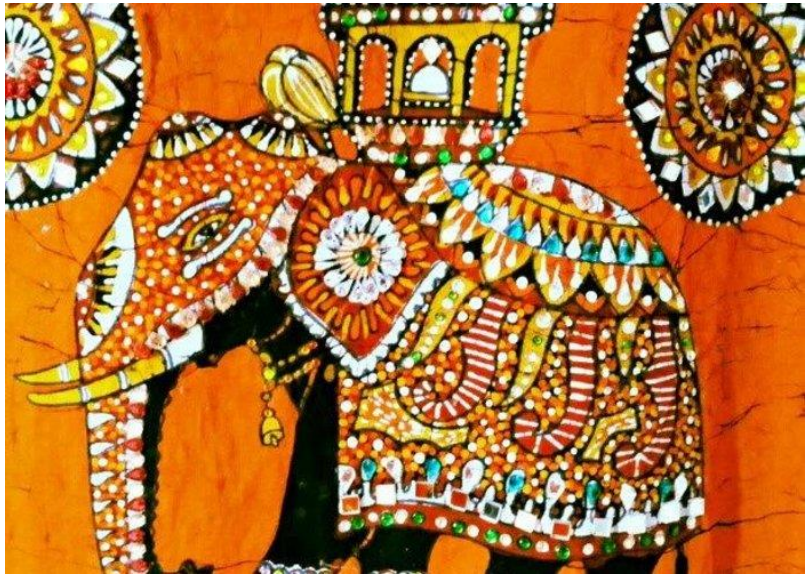
Pointillism Art



Surrealism
Art

Oriental Art





Indian Art

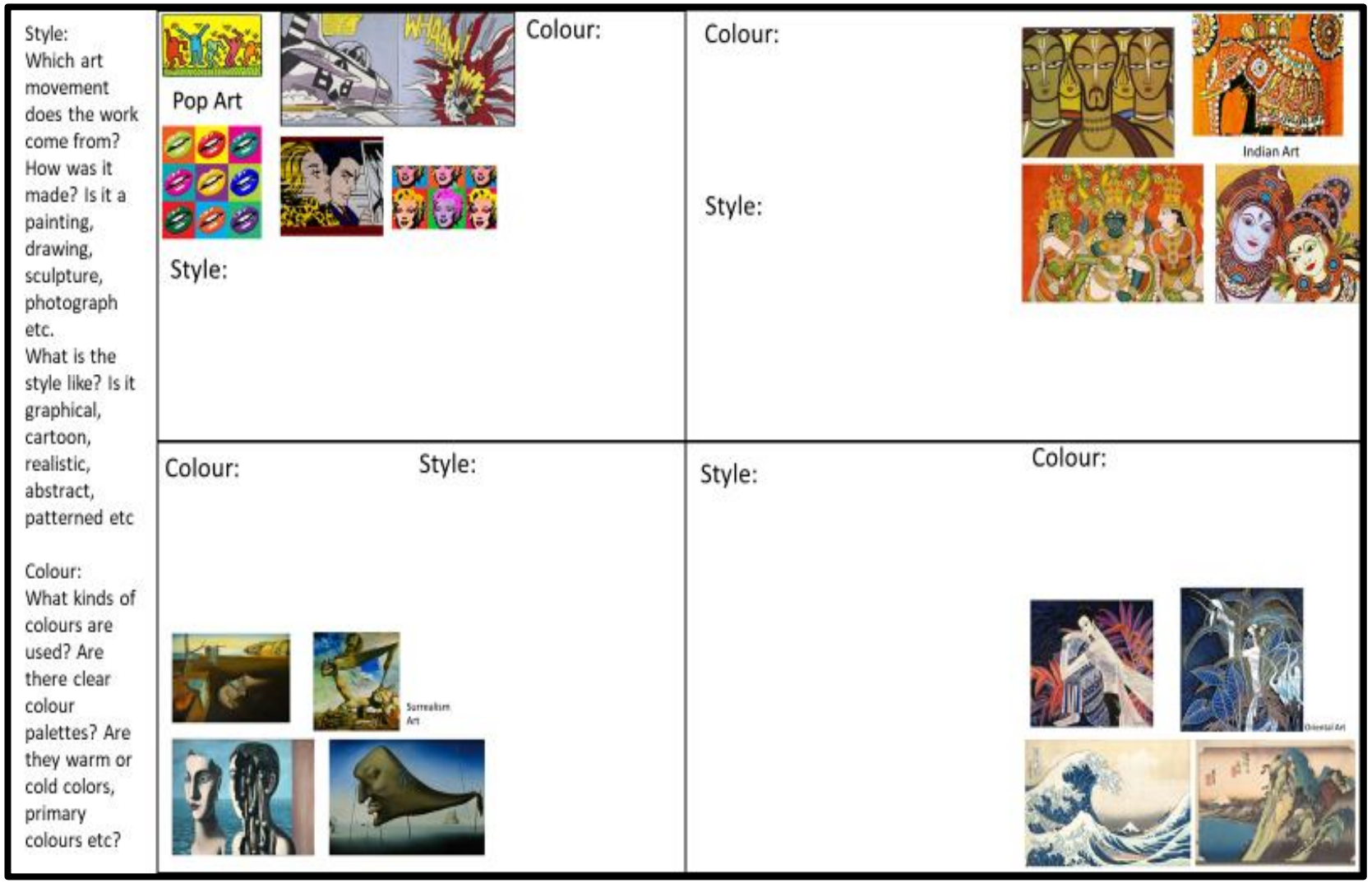
Pop Art

I PRESSED THE FIRE CONTROL... AND AHEAD OF ME ROCKETS BLAZED THROUGH THE SKY...
WHAAM!

Starter Task: 15 mins

In your table groups look and discuss each of the eight art styles. Write down as much information about each style. Start to think about which styles most appeal to you and how you might be able to represent these styles in an interesting way in your chair sculpture.

We will then feedback as a class



Style:
Which art movement does the work come from? How was it made? Is it a painting, drawing, sculpture, photograph etc.
What is the style like? Is it graphical, cartoon, realistic, abstract, patterned etc

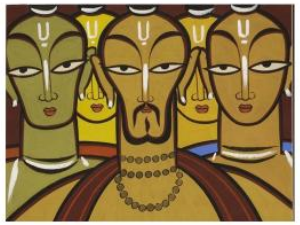
Colour:
What kinds of colours are used? Are there clear colour palettes? Are they warm or cold colors, primary colours etc?

Pop Art

Colour:

Style:

Colour:



Indian Art

Style:

Colour:

Style:

Surrealism Art

Style:

Colour:

Oriental Art

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Modern Art

Colour:

Style:

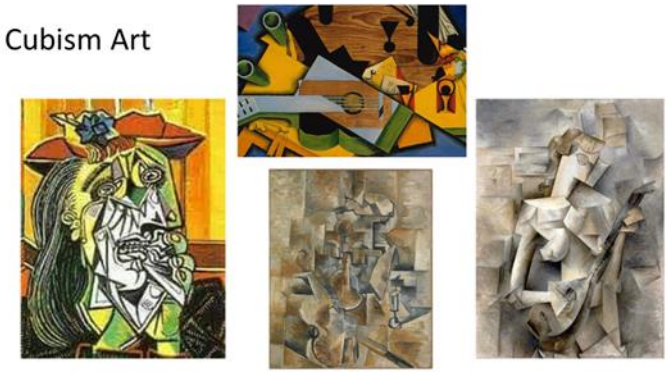
Biomechanical Art

Colour:

Style

Colour:

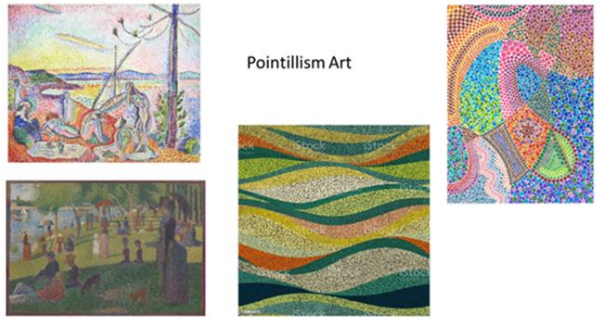
Cubism Art



Style:

Colour:

Pointillism Art



Lesson one: Visual Mind Mapping

In this mini project each student will design and build their own chair sculpture which will be inspired by one or more art styles. The chair can be made a variety of ways and will require you to work as a problem solver to figure out effective ways that you can build a successful sculpture. The sculpture needs to be freestanding whilst also being very creative and visually pleasing as an artwork, but also recognizable as a chair however weird and wonderful are very much welcome. Your chair should stand out!!

Here are some examples of chairs that already exist that are inspired by different art movements.

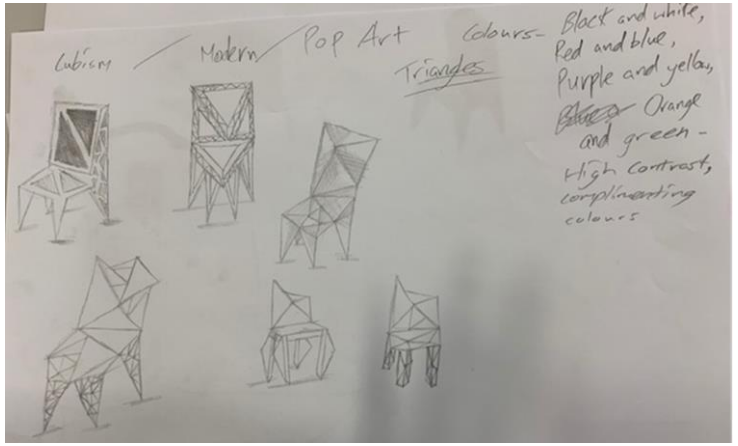
Can you recognize any of the art movements?

Lesson 1: visual mind mapping

What: All students will create a visual Mind map

How: You will each produce a range of sketches and annotations

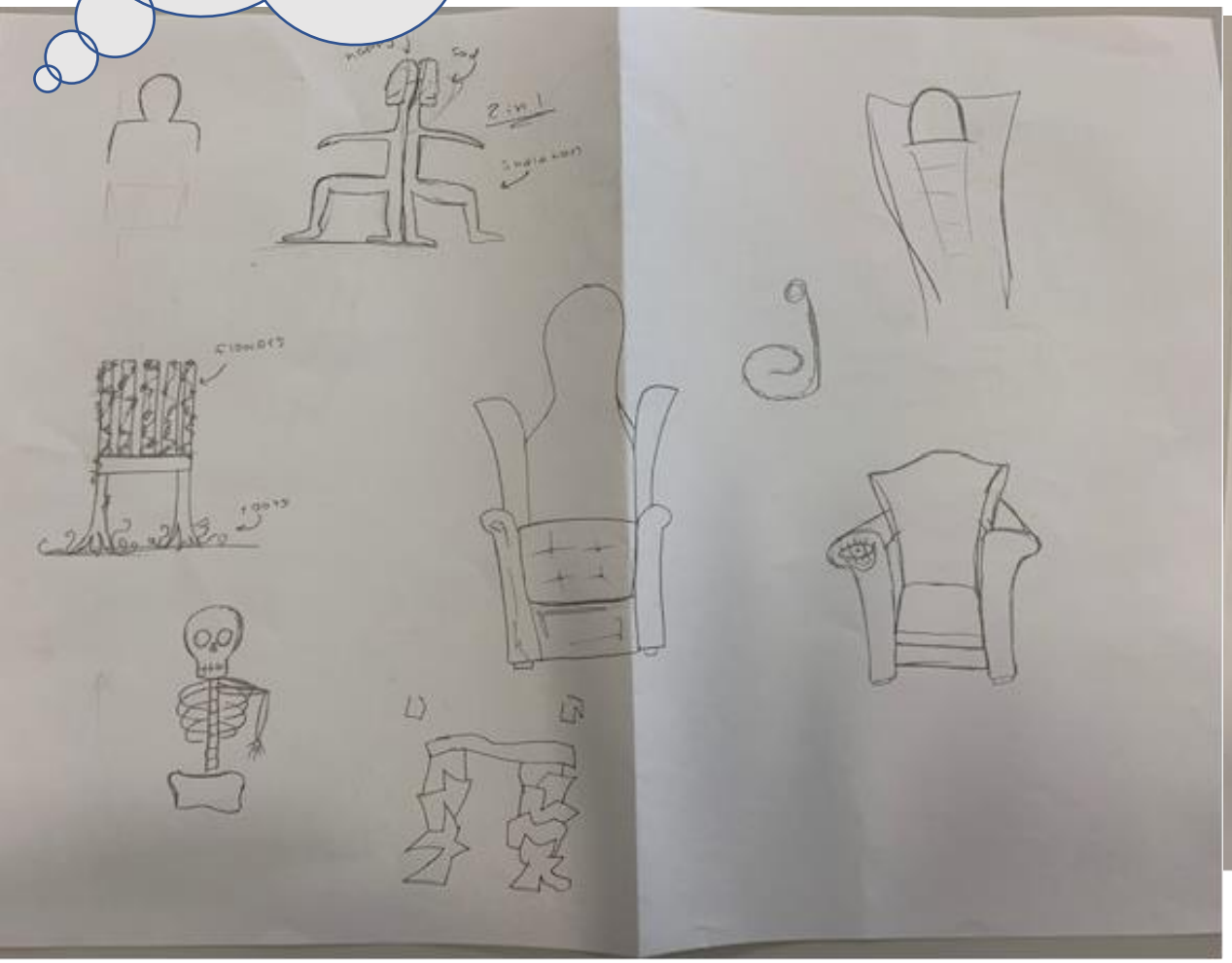
Why: To show all your initial thoughts and ideas of how you might create your chair and what it might look like

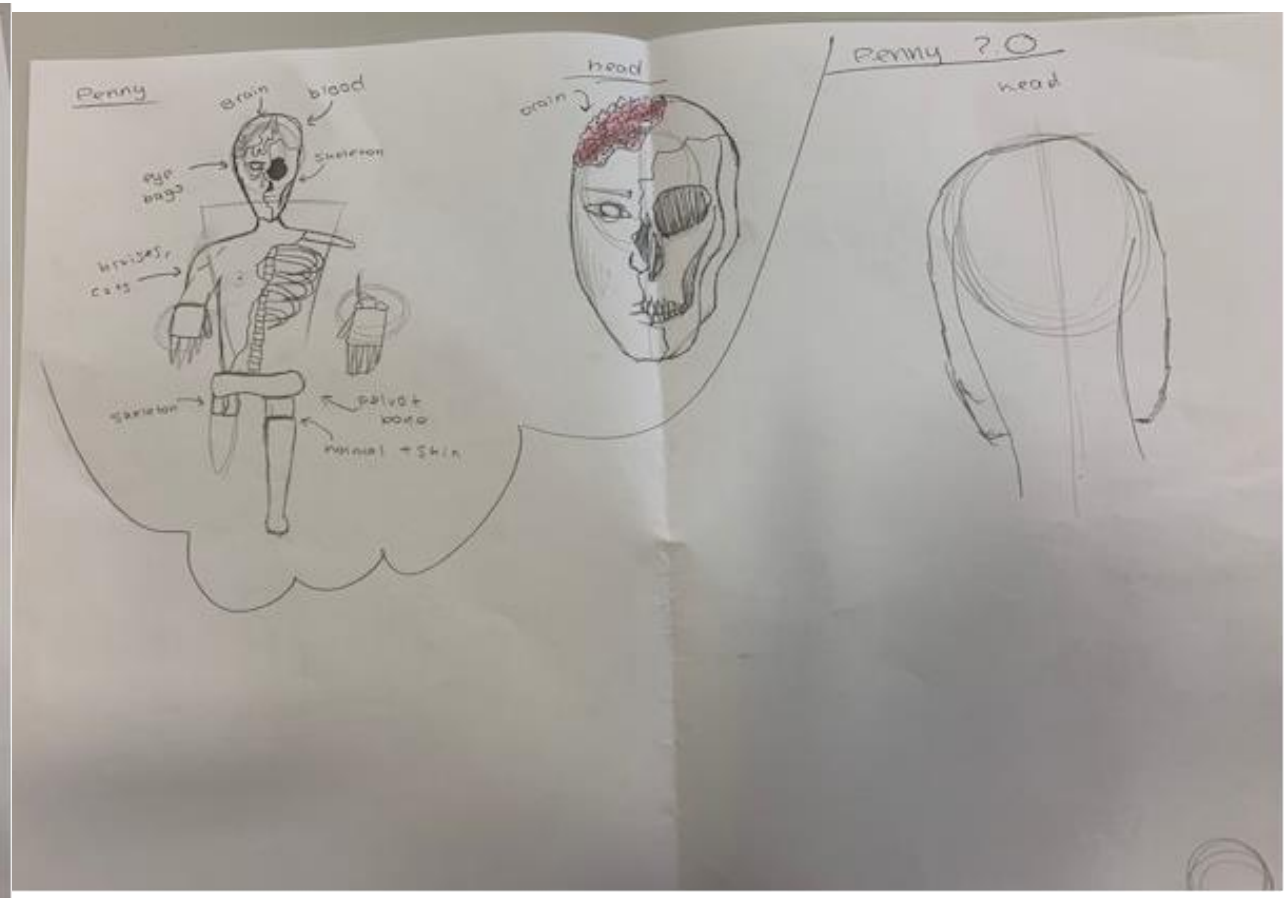


What makes a successful visual mind map?

- ✓ **Show a range of ideas-** don't just sketch one idea put all your ideas that you may possibly have down on the page. This will make it easier when you come to selecting a final idea
- ✓ Creativity!! Be brave with your design ideas, you can always simplify your designs
- ✓ Detailed annotation- annotate what style the chair links too, what colours might you use, possible materials you might use, problems you might encounter….

Remember the more ideas you sketch gives you more freedom to play about with ideas and styles and produce a more interesting final design





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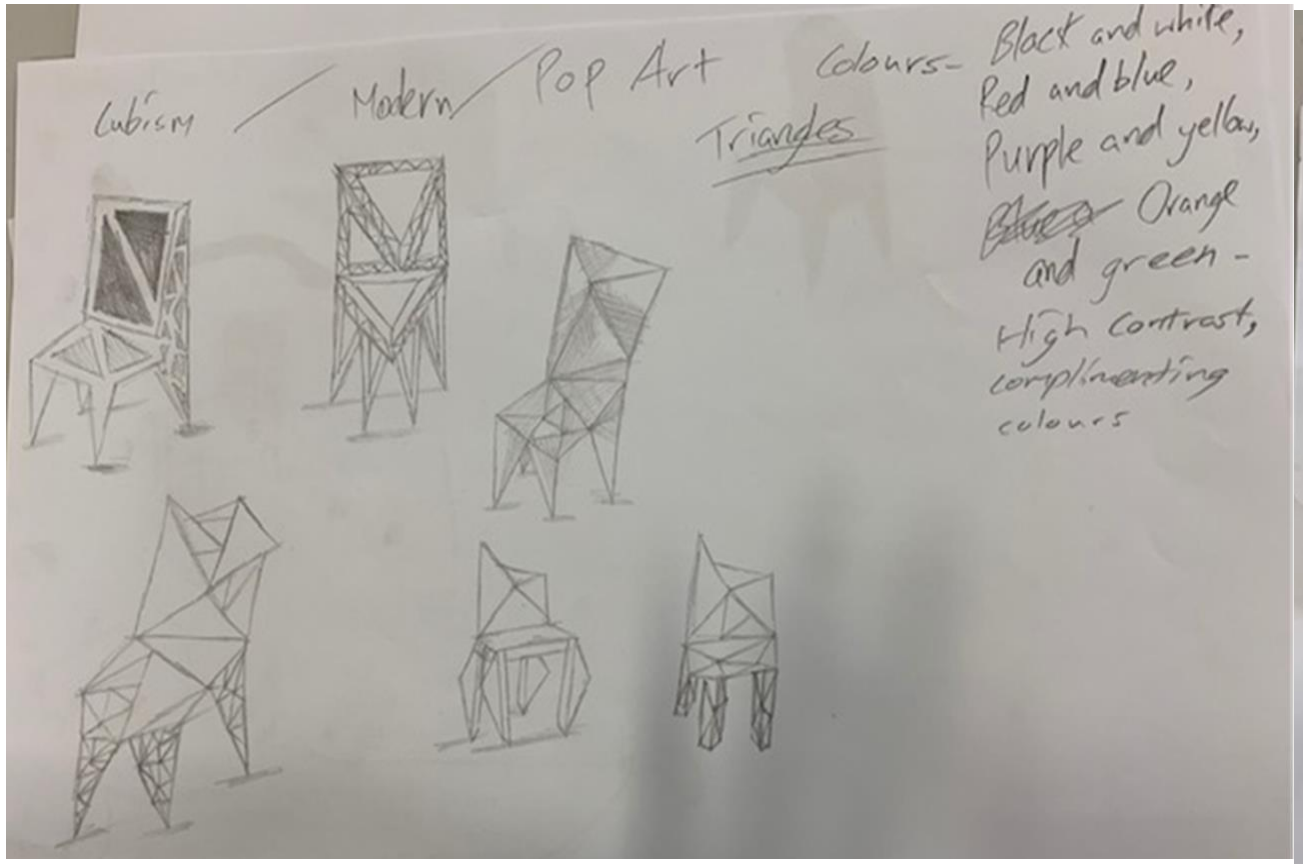

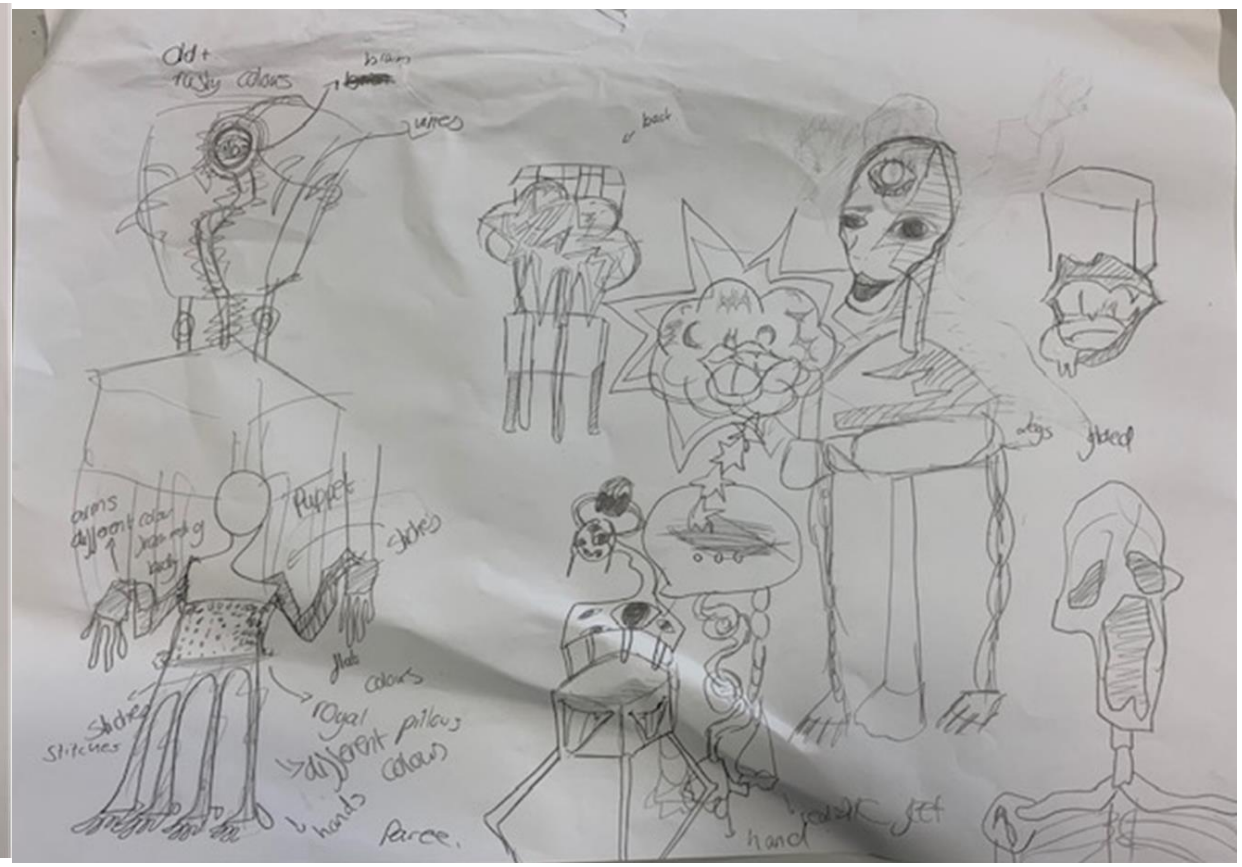

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Remember the more ideas you sketch gives you more freedom to play about with ideas and styles and produce a more interesting final design

To further develop your visual mind map you now need to:

- ✓ **Add annotation to your designs: what colours, artist styles, materials etc**
- ✓ **Show a wider range of ideas that link to a variety of styles or explore one style across a variety of chair design ideas**
- ✓ **Add colour to your design sheet**
- ✓ **Add more details to your designs**
- ✓ **Sketch out some close up sections of the chair, the legs, the seat etc**

Dimora Chair by Serban Ionescu

Art can also be functional! Look at this amazing chair designed by furniture designer/artist Serban Ionescu

Take 5 minutes to reflect....

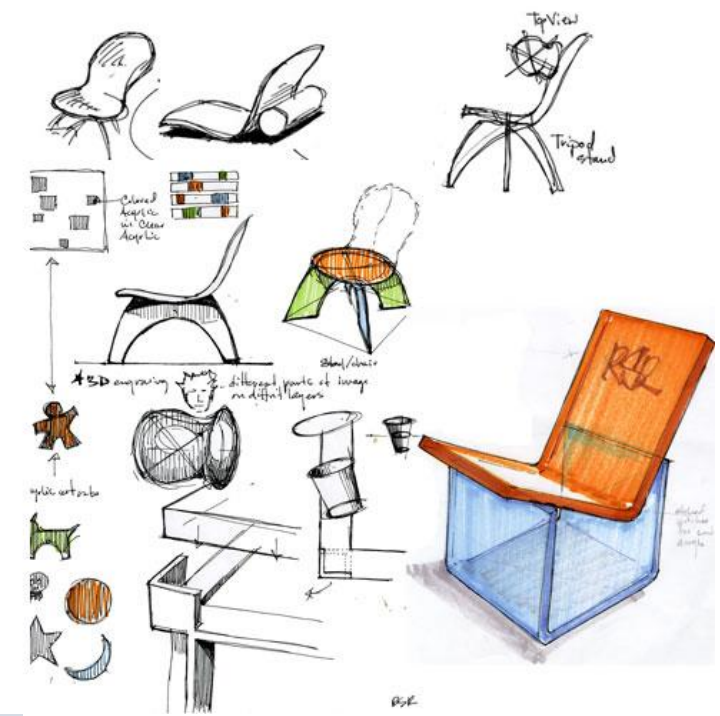
Complete the exit ticket on pg 12 of your progress files

Lesson 2 and 3: Planning your final design(s)

What: All students will produce at least one final chair design

How: Designs will be drawn out on A3 paper. These will include detailed annotation and colour. The design and annotation should clearly show the links to art styles and planned use of materials

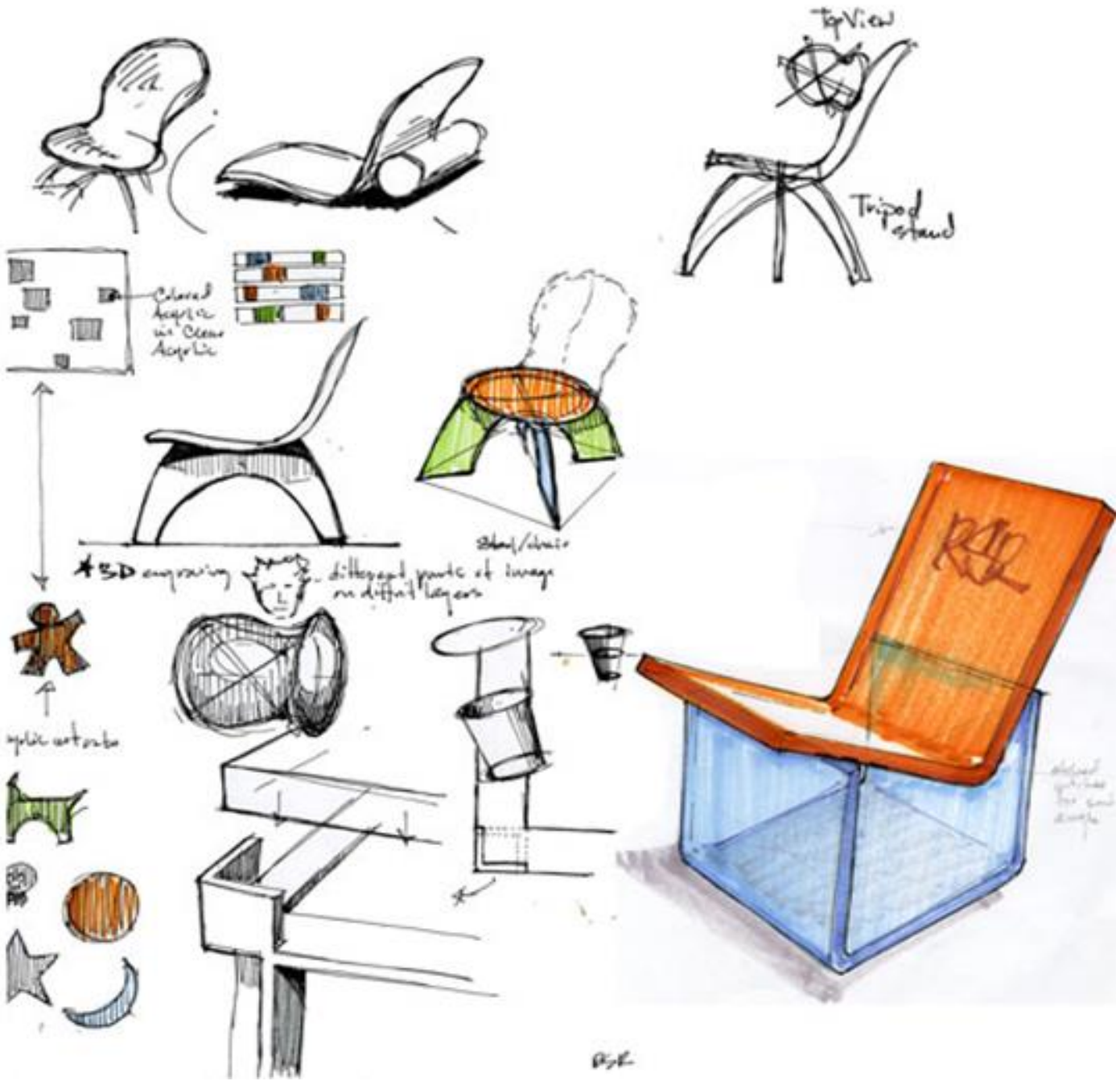
Why: You will work directly referencing your design, so your design needs to be accurate. Remember you might come across problems when building in 3d, so your design can be adapted and areas resketched if needed.



What makes a successful design sheet?

- ✓ **Show a range of angles- How will the chair sculpture look from the back the side etc**
- ✓ **Close up views- You could sketch out different areas of your chair to show certain close-up details or plans of how you might make that section**
- ✓ **Detailed annotation- Annotate possible ways you might make parts of the chair, consider how parts might join together etc what materials might you need. It is useful to write a list so that we can make sure we have them to hand when it comes to making**

Remember the more detail you put in your design the easier it will be to make your chair sculpture



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Remember the more detail you put in your design the easier it will be to make your chair sculpture

To further develop your design sheet you now need to:

- ✓ **Add annotation to your designs: what artist style(s)has inspired your design,what materials etc**
- ✓ **Show a variety of angles- what does your chair sculpture look like from the side etc**
- ✓ **Add colour to your design sheet**
- ✓ **Add more details to your design sheet**
- ✓ **Sketch out some close up sections of the chair, the legs, the seat etc**

The Molecular Chair, (top) by New York-based Italian designer and architect Antonio Pio Saracino, is an exploration of the structural components of matter. The chair represents a vastly blown-up scale model of the molecular "stuff" that makes up furniture. The chair is built on a base of wire mesh and covered with "molecules" of wool felt, a natural, low-tech, and eco-friendly material.

The Molecular Chair- Antonio Pio Saracino
A chair inspired by science!

Take 5 minutes to reflect….

Complete the student PIN analysis on page 17 of your progress file

Lesson 4-6: Creating Samples

What: All students will produce at least two sample pieces.

How: Students need to look at their design and choose two areas they will create a sample from. You might want to choose an area that you think could be tricky to make, so that you can experiment with ways you might make it. You could also sample different techniques out, for example making the chair leg using different methods

Why: This will give you a chance to experiment before you make the final piece of work. Making smaller samples gives you a chance to try out different techniques and ways of building structures.

What makes a successful sample?

- ✓ Show a range of skills
- ✓ High quality finish- Just because it's a sample doesn't mean it shouldn't be of an high quality. Take your time to produce quality samples
- ✓ Experimentation-Try out different materials. You could split your sample into sections and try out different techniques such as paper Mache, tissue and glue, mod roc. This will allow you to see what is most effective

Remember your samples will also be graded towards your GCSE so focus on creating high quality samples

To further develop your samples you now need to:

- ✓ Refine the quality of your paint work
- ✓ Experiment with a variety of different techniques to try out different finishes
- ✓ Neaten up your sample, for example sand down rough edges, add another layer of mod roc etc
- ✓ Experiment with different ways of building your sample to see which works best
- ✓ Mount up the photographs of your samples so you can annotate your journey

Building your Chair

What:

All students will create a detailed building plan before building the main chair structure

How:

Students need to look at their design and think about each separate component thinking about how each component will attach securely together. You will then need to think about the order in which you will build your chair to write a building plan of action

Why:

This will give you a chance to think about the building process and the problems you may encounter before building your chair. This will also make you aware of what order you will need to build your chair, giving you the chance to consider how you will make a high quality stable structure

Keywords

Component
Annotation
Stable
Structure
Refine

How did they create this sample? What techniques have they used?

Praise: What is successful about this sample and why?

Immediate: What immediate improvement could they make to make the sample even more successful?

Next steps: What do you think the students next steps are going forward- can you foresee any problems? What things do they need to focus on to ensure their work is to the best quality possible?

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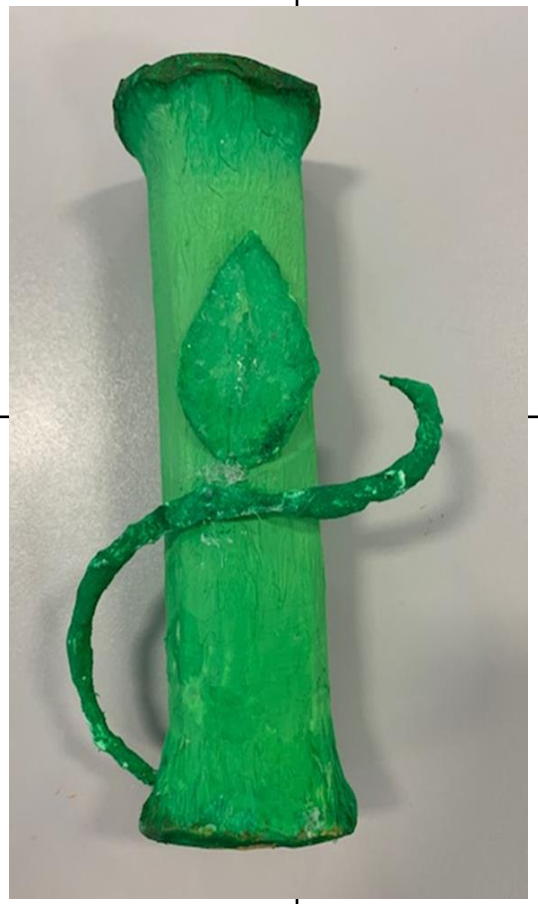

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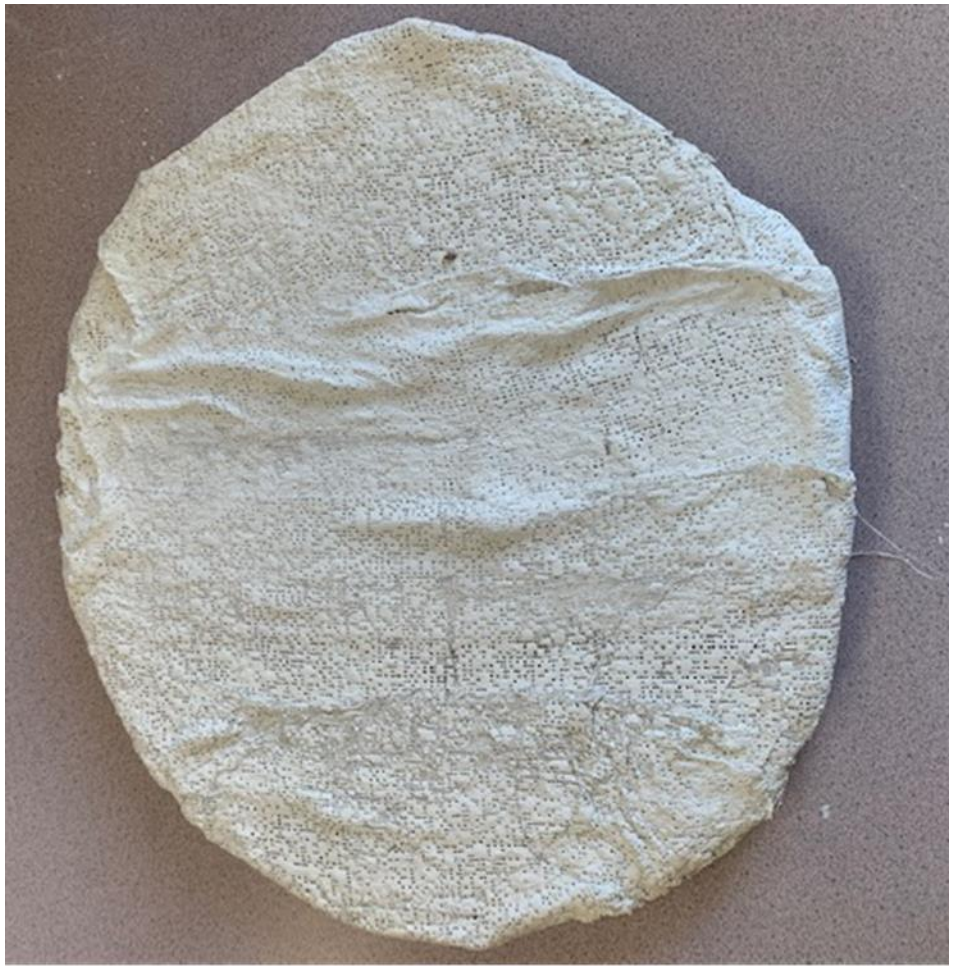
Next steps: What do you think the students next steps are going forward- can you foresee any problems? What things do they need to focus on to ensure their work is to the best quality possible?

Common problems using mod rock:

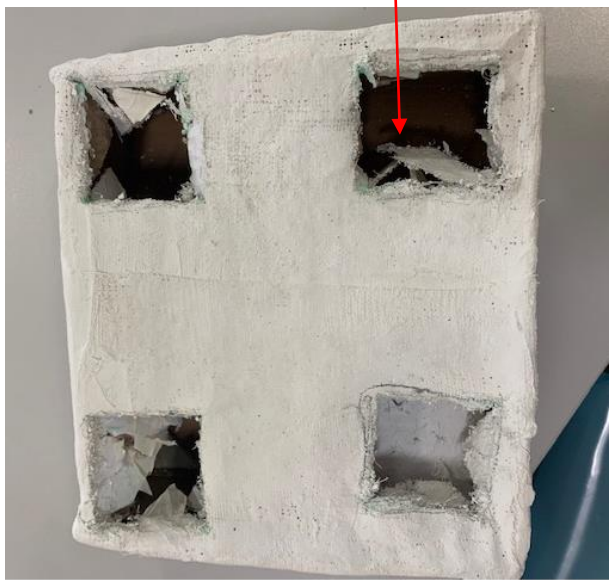
Identify where these students could improve?



Attaching Chair legs securely

Deeper seats: in deeper seats you can cut out holes that your legs would slot into. These holes need to be accurate (even slightly smaller) so the chair legs can slide in and be secure. You will need how long you want your chair legs to be as some of the leg will be hidden in the chair.

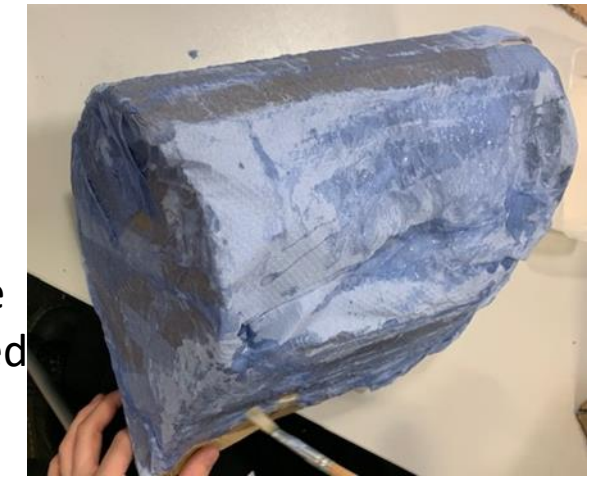
Leaving tabs to attach the legs onto the underneath side of the seat- You would need to attach the tabs then mod rock into place to disguise the join and strengthen the joint



Creating different shapes and features

Clay: This is suitable for smaller features that require detail. Clay can be quite heavy so you would need to consider how you will attach it securely and if this is the most suitable method.

To create large curved features like chair arms you can score cardboard so it will freely curve into your desired shape



Mod roc can be cast over things to create interesting forms. You need to cling film the surface first so you can pull the mod rock off once its dry.

Paper Mache: Paper Mache is great for building up surfaces and texture. You can really smoothen the paper mâché down to get a more even fish or build up the paper mâché, so you create a rough texture. Paper mâché work well over card and dries hard. You can then put different finishes over the paper mâché

Different finishes using different materials

Chair leg samples

Mod roc around rolled paper

Mod roc finished with finishing plaster to give a smoother finish

Unusual shaped legs: paper mâché sandwiched between cardboard shapes then covered with tissue paper for a textured finish

Paper mâché applied t rolled paper- gives a more textured finish

What makes a successful building plan?

- ✓ **Detailed component list-** this way you won't forget to build any part of your chair
- ✓ **A completed annotated design**
- ✓ **Step by step detailed plan-** This will help you in the building process keep track of where you are and what needs to be done
- ✓ **A clear plan of what materials you will use for each part**

Remember your samples will also be graded towards your GCSE so focus on creating high quality samples

To further develop your samples you now need to:

- ✓ **Add more detail to your components list- every part you need to make needs to be listed**
- ✓ **Make sure you include which materials you plan to use in your plan**
- ✓ **Add possible problems you may encounter to your planning sheet**
- ✓ **Add more detail to your planning section**
- ✓ **Ask a peer on your table to look over your plan-Looking at your design and plan would they be able to follow it?**

Name:

Building your chair planning sheet

List all the components of your chair:	Materials needed

Teacher comments:

Write a detailed plan to show what order you will build your chair, include the kinds of joints etc that you will use

What kind of problems might you encounter during your chair build? How might you solve them?

Weekly review:

Praise:

Immediate:

Next Steps:

Praise:

Immediate:

Next Steps:

Praise:

Immediate:

Next Steps:

Praise:

Immediate:

Next Steps:

Praise:

Immediate:

Next Steps:

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Immediate:

Next Steps:

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The Molecular Chair- Antonio Pio Saracino
A chair inspired by science!

Take 5 minutes to reflect….

Complete the student PIN analysis on your build planning sheet