

Year 8 Design & Technology Independent work for home

In order to explore and extend upon tasks started in class this year you could independently work on the following tasks:

Memphis Design Clocks

In order to extend the learning that you encountered during the Memphis design Scheme of work can you delve deeper into the issues covered by:

- Finding a current designer that is highly influenced by Memphis design (Can you explain who they are and how they are inspired by Memphis design, add an example of the products that they create)
- Through inspiration of the designer that you have studied can you create a unique product that also follows the Memphis design style (This should not be a clock as you have already done this in class). In your design you should consider: The function of the product, the shape, the colour, the materials that you would use ect)
- Materials research The most common materials used within products inspired by Memphis design are: Patterned plastic laminates, printed glass, zinc plated and textured sheet materials, neon tubes and coloured lights. Can you research the properties of these materials to show your understanding of the products further. You should consider the material's chemical and constructional make up as well as its physical properties (Durability, what happens when heat/water, electricity is added ect)
- Design movements that occurred just before and just after Memphis design (Use the design timeline to aid you in this) This will help to give you a bit more contextual awareness of the development of the different design stages. You should also consider what was happening (In terms of current events) at the time as this will help to broaden your understanding of how and why the design movement came about further.

Food and Nutrition

In class you have been exploring the different nutritional benefits of cooking with particular ingredients and how best to combine these in order to create a healthy cereal bar. You have also been learning about how to package these effectively considering packaging laws with the appropriate information and logos displayed on your packaging. In order to explore this area in a different manner can you apply the learning that you have undertaken in class to help you develop different kinds of healthy dishes and the packaging for them. Use the suggestions below to help you develop your own recipe and packaging for the dish you have chosen. Can you also have a go at making them? (Don't forget to have adult permission and supervision from your parent/quardian)

- Risotto
- Curries
- Pasta Dishes (Bolognese, or sauce based)
- Breads

Research task: Can you find out about traditional foods from around the world. You should research the following countries and explain what their most common dishes are along with the nutritional benefits of the ingredients used within them: (Example: UK – Fish and chips)

South Africa, India, Italy, China, Poland, Germany, France, Spain

Independent research and design project Based on 'Under Armour' complete the following tasks:

- · Research the company 'Under Armour' and create a mood board of existing products
- Taking inspiration from the style and mission of Under Armour, create clothing designs for at least two of the following items (Shoes, trainers, sweatshirts, bags)

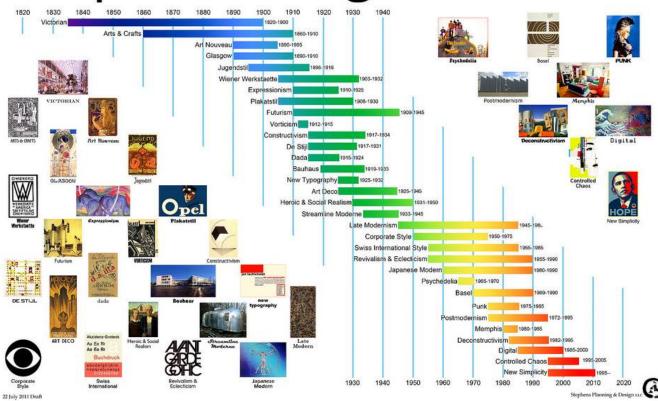


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Design movements research task

Using the design movements timeline below, can you research and explore the design movements that occurred just before and just after Memphis? Create a presentation which helps to explain the key characteristics of the movement and how each one either lead into Memphis design or took influence from Memphis design. Consider what was going on at the time historically, did this have any influence on the design movement

Graphic Design Timeline



Memphis inspired Designers:

- Camille Walala
- Karl Lagerfeld
- Christian Dior
- Nathalie Du Pasquier
- Kartell
- Alessandro Mendini

Select from the list or research a designer of your own in order to help you see how Memphis design has influenced many different types of products.

Tips to consider when researching a designer:

- What was the designer influenced by? (Design movement, colour, nature, user needs, gap in the market ect)
- Is there a common theme in their design work? (Is the piece you have found a one off or do they work in this style a lot?
 - Do they belong to a particular group of designers?
- Have they got a particular focus for their design (Function or user need)
- Which materials have they favoured using in the majority of their work? Why do you think this is?
 - How do they approach issues of sustainability?



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Food and Nutrition

Example of a recipe for Pumpkin Risotto below. Can you use this to help you create one of your own? Perhaps you could modify the recipe to make it healthier or suitable for a particular type of diet. (Vegetarian, vegan, coeliac ect)

Pumpkin Risotto



Ingredients

- 1 small <u>pumpkin</u> or butternut squashafter peeling and scraping out the seeds, you need about 400g/14oz
- 1 tbsp <u>olive oil</u>, plus a drizzle for the pumpkin
- 2 garlic cloves
- 8 spring onions
- 25g butter
- 200g risotto rice
- 2 tsp ground cumin
- 11 hot vegetable stock, plus extra splash if needed
- 50g grated <u>parmesan</u> (or vegetarian alternative)
- small handful coriander, roughly chopped

- 1.Heat oven to 180C/160C fan/ gas 4. Chop up the pumpkin or squash into 1.5cm cubes (kids- ask for help if it's slippery). Put it on a baking tray, drizzle over some oil, then roast for 30 mins.
- 2. While the pumpkin is roasting, you can make the risotto. Put the garlic in a sandwich bag, then bash lightly with a rolling pin until it's crushed.
- 3. Cut up the spring onions with your scissors.
- 4. Heat 1 tbsp oil with the butter in your pan over a medium heat not too hot. Add the spring onions and garlic. Once the onions are soft but not getting brown, add the rice and cumin. Stir well to coat in the buttery mix for about 1 min.
- 5. Now add half a cup of the stock, and stir every now and then until it has all disappeared into the rice. Carry on adding and stirring in a large splash of stock at a time, until you have used up all the stock this will take about 20 mins.
- 6. Check the rice is cooked. If it isn't, add a splash more stock, and carry on cooking for a bit. Once the rice is soft enough to eat, gently stir in the grated cheese, chopped coriander and roasted pumpkin.

Nutrition: per serving

kcal •	fat	saturates	carbs	sugars	fibre	protein	salt •
397	14g	7g	47g	6g	5g	18g	1g



Independent research task: Under Armour

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Below is some information about Under Amrour along with some examples of Under Armour's products. Try to find more examples of your own and design your own product in the style of Under Armour, and following their main goals.









Love Athletes:

Athletes are our consumers, from the best of the best to the ones just getting started. The reason we get up every morning is to make things they can't live without. They want to go beyond the next level and we're going to take them there.

Stand for Equality:

The power of sport is fueled by every race, nationality, gender, orientation, and creed you can imagine all over the world. We're proud advocates for equality, justice, and opportunity for all. Together we will be a force for good.

Fight on together:

We will fight for each other and the communities we represent as a team. And we'll never quit, because we know adversity only makes us stronger, and strength leads to victory that is oh so sweet.

Think Beyond:

Here's the future we want to see: the best performance imaginable on the cleanest Earth possible. That's why we're working to create innovations that fix the problems athletes don't even know they have in the most ethical, efficient, and sustainable ways we can. This planet is our home field. It's the only one we've got...and we're going to protect it.

Create Fearlessly:

We've never been good at follow the leader. From day one, we've had the courage to defy convention, think boldly, and dictate the tempo. We don't chase culture, we create it. And we're not going to stop now. We're just getting started.

Always connect:

All day, every day. Our connection to the athletes we serve is what sets us apart. Face to face, digitally, in competition, and in training, Under Armour shows up wherever athletes live, work, and play. And we show up big.

Stay True:

The only way we know how to be is transparent. You see our triumphs and our shortcomings. That's okay because our willingness to show our imperfections helps us learn and grow as a team.

Celebrate the Wins:

We're a brand built on what's next. But it's the victories—big, small, and everything in between—that bring us together as a team. We're never afraid to celebrate our accomplishments and have a little fun. Because at Under Armour, every win is a team win.