

Technology Department

DO NOW ACTIVITY

Name the famous designers/celebrities



Textiles Designer

I invented the little black dress

I was famous in the 1960's

Who am I?

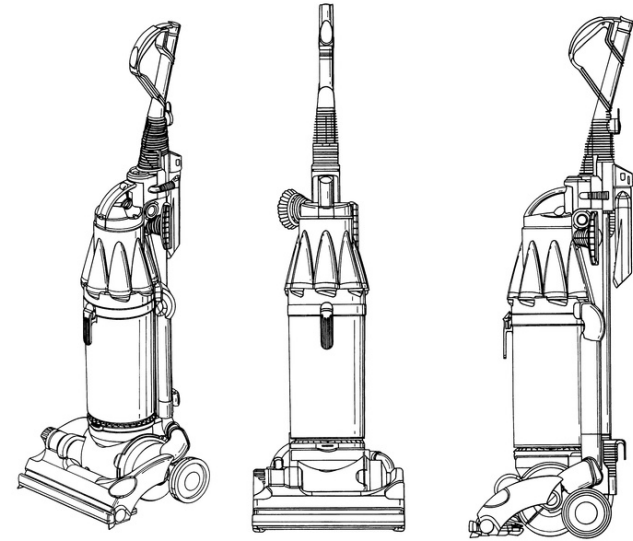


Engineer

I invented a famous
vacuum cleaner used in
most homes today

I am a male

Who am I?



Celebrity Chef

I fought to change
school meals in the UK

I have a chain of
famous restaurants

Who am I?



KS3– Design & Technology

Pupils study three areas of Technology at KS3.

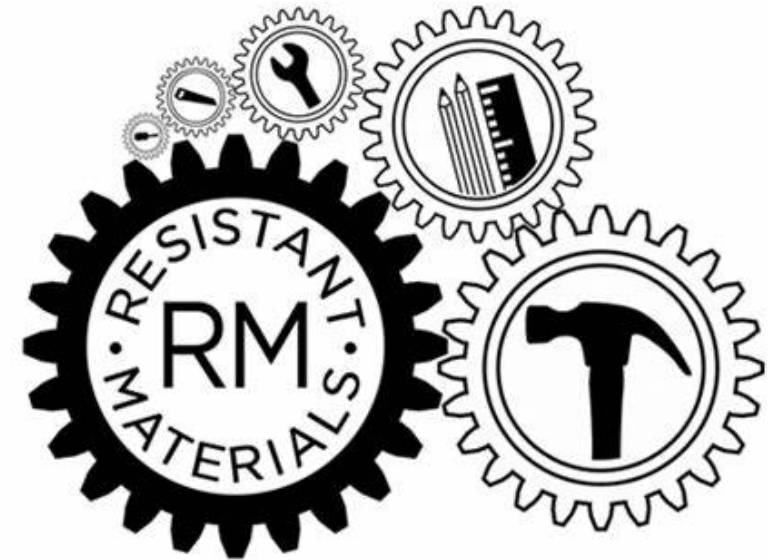
They rotate around the department focusing for eight weeks on each area of Technology. Textiles, Food Technology and Resistant Materials



**Food
Technology**



Textiles



**Shaw
Education
Trust**
We believe, you achieve

Year 7 - Textiles – Pop Art Pencil Cases

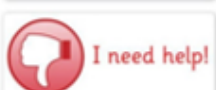
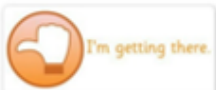
In year 7 you will develop a range of new skills in Textiles.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.

Good Luck



Year 7 skills

1. Use the internet to research
2. Produce a spider diagram
3. Draw a simple design using a pencil and ruler
4. Produce tonal colour
5. Annotations
6. Cut fabric
7. Use a needle and thread
8. Use a sewing machine

POP ART PENCIL CASES



Year 7 - Resistant Materials – Wind chimes

In year 7 you will develop a range of new skills in Resistant Materials.

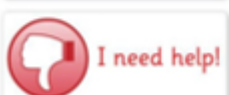
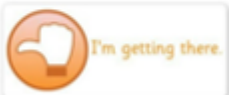
Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.



Good Luck



Year 7 skills

1. Research at home
2. Task Analysis
3. Draw a simple design using a pencil and ruler
4. Tonal colour
5. Annotations
6. Design development
7. PICTPD



Year 7 - Food Technology – The wonderful world of food

In year 7 you will develop a range of new skills in Food Technology.

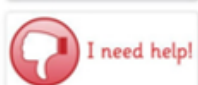
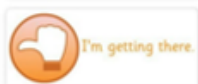
Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the rotation to see how much progress you have made.

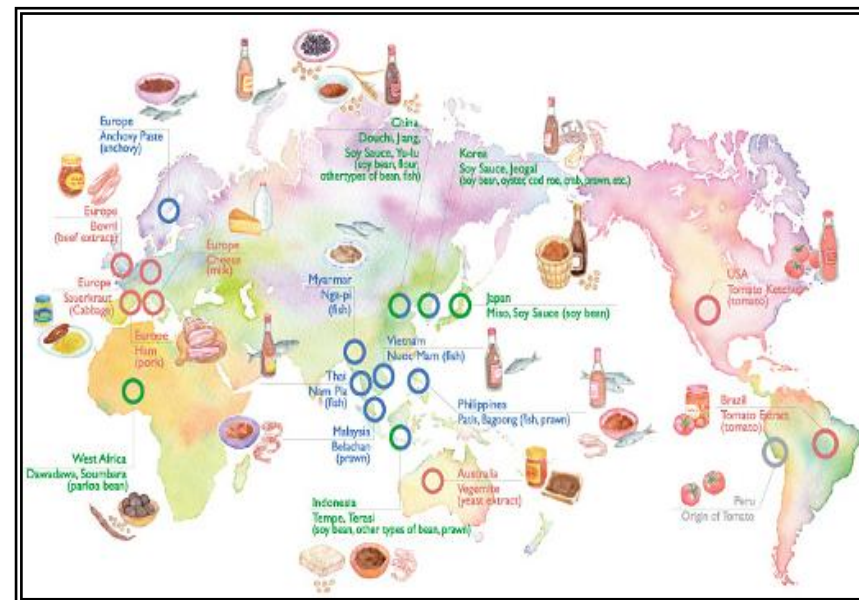


Good Luck



Year 7 skills

1. Understand health and hygiene practices
2. I can slice and chop
3. I can peel
4. I can use the hob safely
5. I can use the oven safely
6. I can weigh ingredients
7. I can measure ingredients
8. I can evaluate my work



Year 8 – Textiles – Tie Dye Cushions

In year 8 you will develop a range of new skills in Textiles.

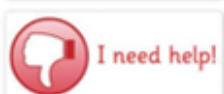
Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.



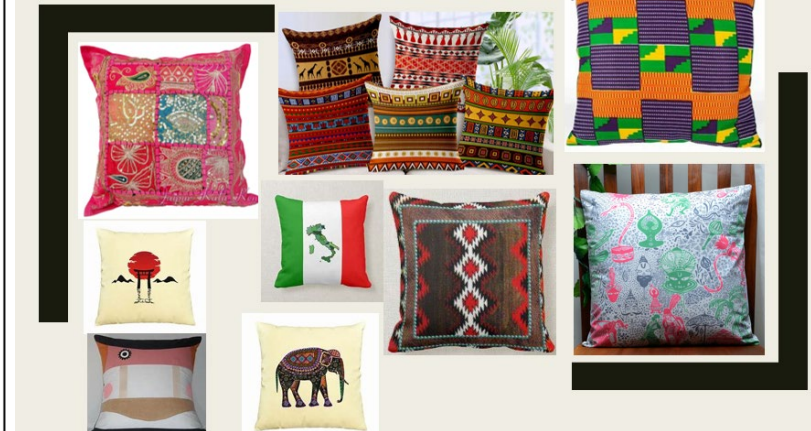
Good Luck



Year 8 skills

1. Use research to inform your design ideas
2. Analyse a design brief
3. Draw a range of design ideas using a pencil and ruler
4. Tonal colour and annotations
5. Use a stitch un picker
6. Cut a range of fabrics
7. Know the difference between natural and synthetic fibres
8. Use at least two different stitches on a sewing machine

Cultural Tie Dye Cushions



Year 8 – Resistant Materials – Block Bots

In year 8 you will develop a range of new skills in Resistant Materials.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.

Good Luck



I can do this!



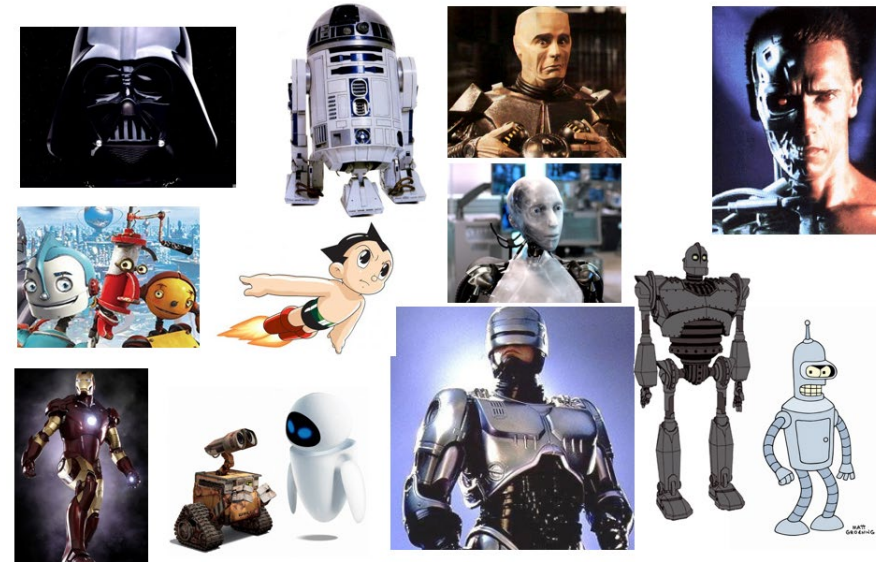
I'm getting there.



I need help!

Year 8 skills

1. Research at home
2. Task Analysis
3. Draw a simple design using a pencil and ruler
4. Annotation
5. Design development
6. Creating a Design Brief



Year 8 - Food Technology – Past & Present Chefs

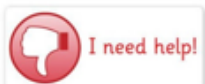
In year 8 you will develop a range of new skills in Food Technology.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the rotation to see how much progress you have made.

Good Luck!



Year 8 skills

1. I understand about Health and Hygiene
2. I know what nutrients are found in the food groups
3. I understand what a balanced diet is
4. I can use research skills
5. I can evaluate using keywords
6. I can weigh and measure ingredients
7. I can understand how to knead
8. I can use all equipment safely



Year 9 –Textiles- Bags

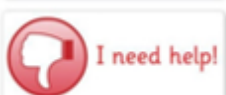
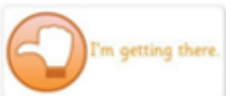
In year 9 you will develop a range of new skills in Textiles.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.

Good Luck



Year 9 skills

1. Use research to inform your design ideas
2. Write a detailed specification
3. Draw a range of design ideas using exploded views
4. Tonal colour and annotations
5. Use programmed stitches on the sewing machine
6. Thread a sewing machine
7. Know at least five different decorative techniques
8. Know how to construct different shapes products

Orla Kiely themed Tote Bags



Year 9 - Resistant Materials – Sunglasses

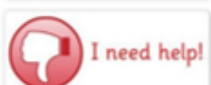
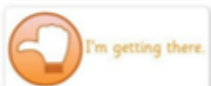
In year 8 you will develop a range of new skills in Resistant Materials.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.

Good Luck



Year 9 skills

1. To write a specification
2. To understand safety symbols in industry
3. Design using a pencil and ruler including dimensions
4. Research of existing products
5. Design development using rendering
6. Evaluate my own skills



Year 9 -Food Technology- Dietary needs

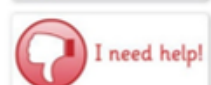
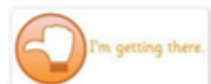
In year 8 you will develop a range of new skills in Resistant Materials.

Using the traffic light system assess your prior knowledge.

WHAT DO YOU ALREADY KNOW?

We will assess your skills at the end of the project to see how much progress you have made.

Good Luck



Year 9 skills

1. I understand the importance of Health, Hygiene and high risk foods
2. I understand the different food groups and nutrients found
3. I understand how different key stages of life require certain dietary needs
4. I can plan a meal for a certain dietary requirement
5. I can plan a dish using a time plan
6. I can weigh ingredients
7. I can measure ingredients



GCSE –Textiles OR Resistant Materials

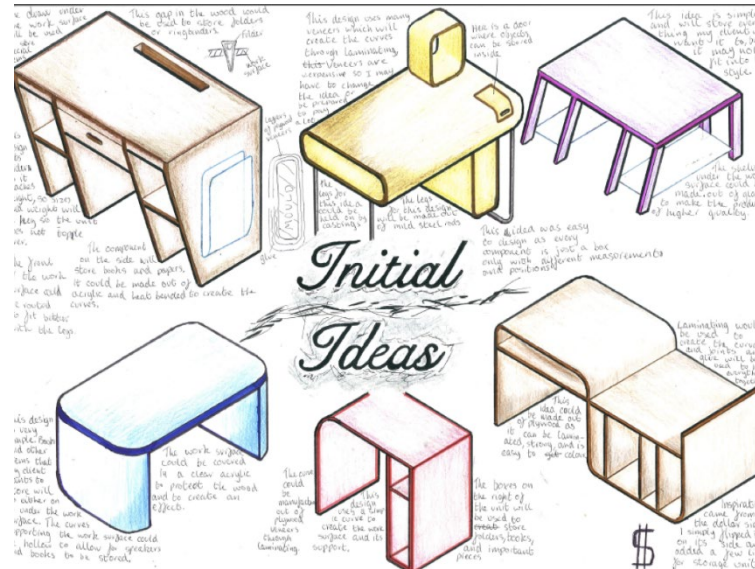
This a two year course split in to two sections. Pupil can pick between Textiles OR Resistant materials

50% NEA – this can **not** be done at home and must be done under teacher supervision

50% 1 hour 45minutes Exam at the end of year 11

Skills developed

- Research
- Design
- Development
- Making
- Evaluating



Level 1/2 – Hospitality & Catering

WJEC Level 1/2 Award in Hospitality and Catering

Unit Number	Entry Code	Unit Title		Assessment
1	5569UA* 5569NA*	The Hospitality and Catering Industry – Onscreen assessment	Mandatory	External
	5569UB* 5569NB*	The Hospitality and Catering Industry – Paper based assessment		
2	5569U2* 5569N2*	Hospitality and Catering in Action	Mandatory	Internal



Skills developed

- Knowledge of job roles in the hospitality sector
- Knowledge of operations in the Hospitality sector
- Practical cooking skills
- Health & Hygiene



Level 1/2 Child Development - OCR

This a two year course split in to three sections

R018: Health and well-being for child development

Written paper 1 hour 45 minutes

R019: Understand the equipment and nutritional needs of children from birth to five years

Research/Power point/essay

R020: Understand the development of a child from birth to five years

Child study – Research and observations of a child aged 0-5 years



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Answers



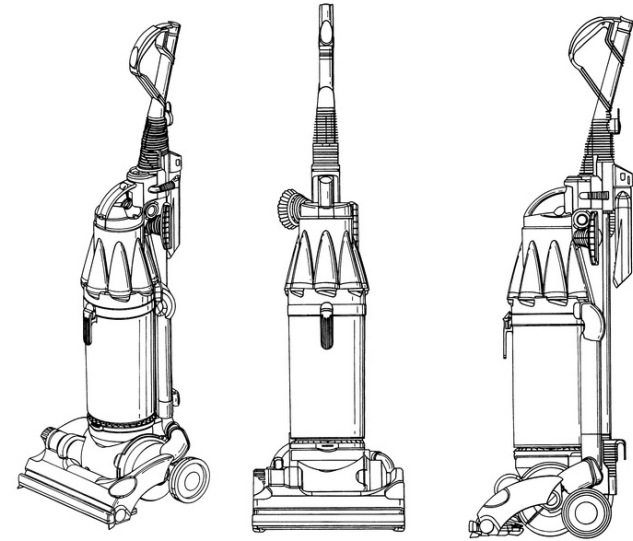
Textiles Designer

COCO CHANEL



Engineer

JAMES DYSON



**Shaw
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We believe, you achieve

Celebrity Chef

JAMIE OLIVER





We believe, you achieve

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