

Design and Technology at Padgate



What do I know?

A practical and theory test will allow you to demonstrate your knowledge and understanding at the end of each year.



Year 9

During your product design lessons you will design and develop an outcome related to an environmental design brief based on how architectural design can improve lives.



Year 9

Forming your own opinion and analysing graphic products will allow you to design and produce computer aided graphics design solutions.

Year 8

Within this product design rotation you will explore existing products, look at ergonomics and design your own solution to a modern day problem using a range of workshop based tools and equipment.



Year 9

Your Food and Nutrition lessons will be based on how you develop your practical skills and learning more complex cooking methods relating to dietary needs.

Year 8

Building on your Food and Nutrition lessons you will re-visit the Eatwell guide looking at different cultural foods, learning how to plan, prepare and cook a range of dishes.

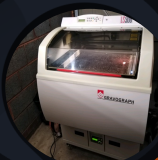


Year 8

You will revisit your knowledge on CAD CAM and textiles learning new skills and techniques whilst working to a design brief to produce promotional products.

Year 7

In your Food and Nutrition rotation you will learn the basic practical skills so you can prepare healthy dishes. You will refer to the Eatwell guide and origins of food.



Year 7

You will learn how CAD CAM can improve lives. You will work to a design brief, designing aspects using software and then manufacture using the laser cutter.

Year 7

Year 7

In your product design rotation you will gain confidence when designing and increase proficiency of handling different materials, such as wood and card modelling.

Baseline test

You will be assessed at the start of each year on; safety, materials, tools and equipment from KS2 or previous KS3 year.



Year 7-9 Learning journey

