# What do I know?

A practical and theory test will allow you to demonstrate your learning before you move into Year 10 options to expand and enrich your Design and Technology knowledge further.

## 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

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.

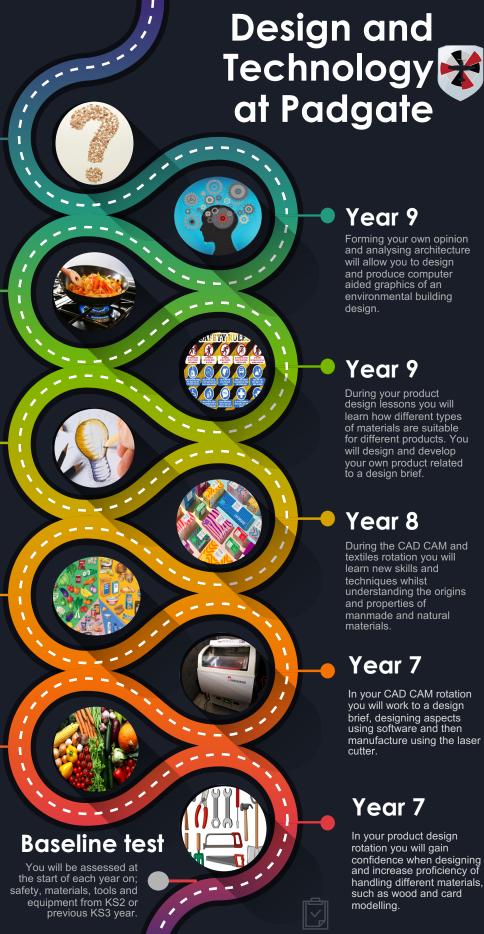
### Year 8

Building on your Food and Nutrition lessons you will re-visit The Eatwell guide looking at types of energy needed in a diet and how to make and cook healthy dishes.

#### 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 7-9** Learning journey



## Year 9

Forming your own opinion and analysing architecture will allow you to design and produce computer aided graphics of an environmental building

## Year 9

During your product design lessons you will learn how different types of materials are suitable for different products. You will design and develop your own product related to a design brief.

#### Year 8

During the CAD CAM and textiles rotation you will learn new skills and techniques whilst understanding the origins and properties of manmade and natural materials.

### Year 7

In your CAD CAM rotation you will work to a design brief, designing aspects using software and then manufacture using the laser

#### 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.