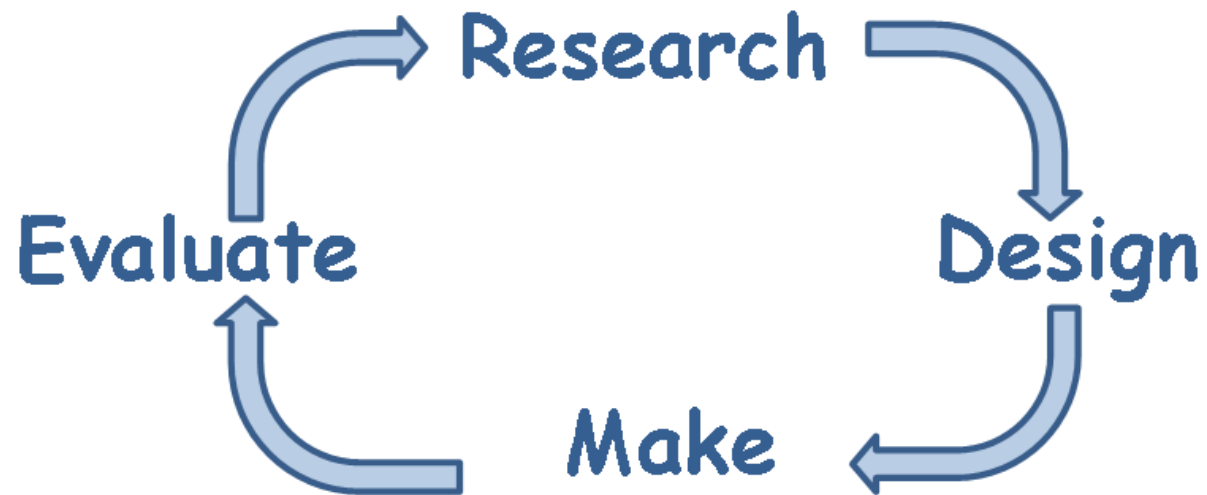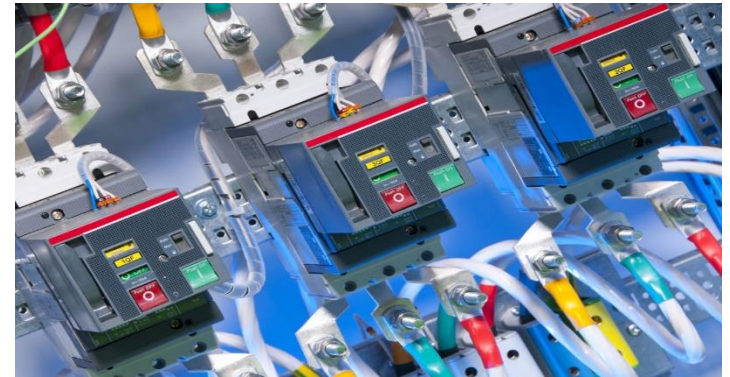# Design and Technology

What is Design and Technology?

Design and Technology involves designing and making products for a particular purpose or to solve a problem. Products are then evaluated to see how successful they are.

What do we do in Design and Technology?

First we identify what we need to make and why.

Research
We look at other products that have been made and evaluate them, considering if they could be adapted or improved. We also test components that may be used in our designs.

Design
We make decisions about what our final product will look like and how we will make it.

Make
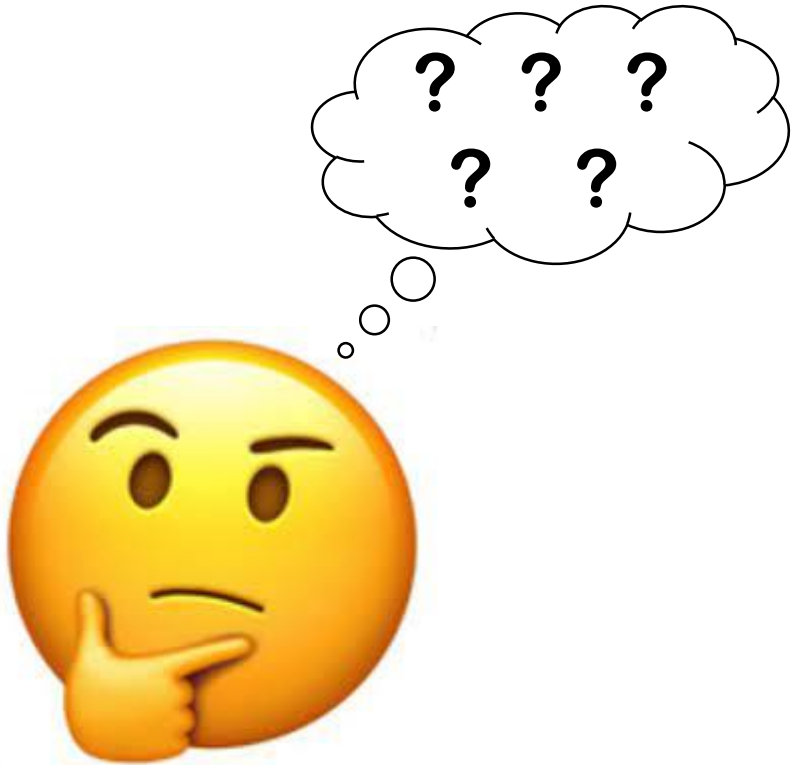Using a range of skills e.g. joining, creating structures etc.

Evaluate
Does the final product meet the need? Could it be improved in any way? What should be changed?

We often need to draw on our knowledge from maths, science, computing and art.

Thinking in Design & Technology

What does this product need to do?

What materials are most suitable?

How can it be made?

How can this product be improved?

Real world applications of D&T

Tesla – Electric Car

Tesla was founded in 2003 by a group of engineers who wanted to prove that electric cars can still be stylish and desirable. As well as being better for the planet, Tesla's vehicles have won many awards and are among the safest cars to drive.

Real world applications of D&T

Duolingo – software engineering

The Duolingo app was created in 2009 by Luis von Ahn, who wanted to help people learn to speak English. New arrivals to America often couldn't afford expensive English language classes. The app now offers 106 different language courses in 41 languages. It has over 500 million registered users!

Careers using Design & Technology

Software Engineer
Designs and created computer systems and apps to solve real world problems.

Civil Engineer
Create, improve and protect the environment in which we live, for example improving railways.

Electrical Engineer
Design, develop, test and supervise the manufacture of electrical equipment.

Chef
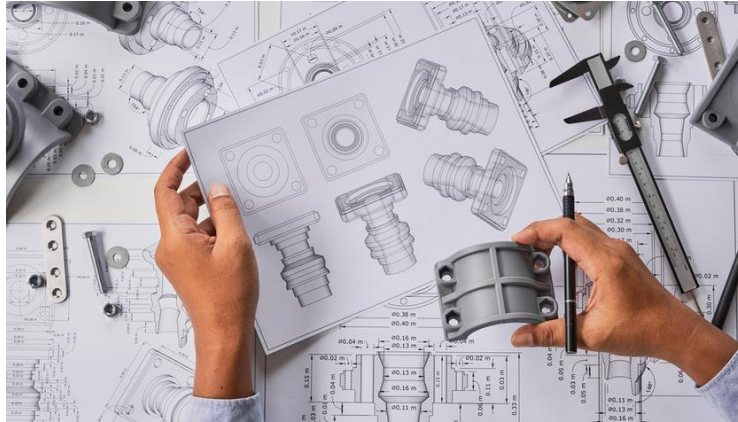Plans, prepares and cooks food for others.
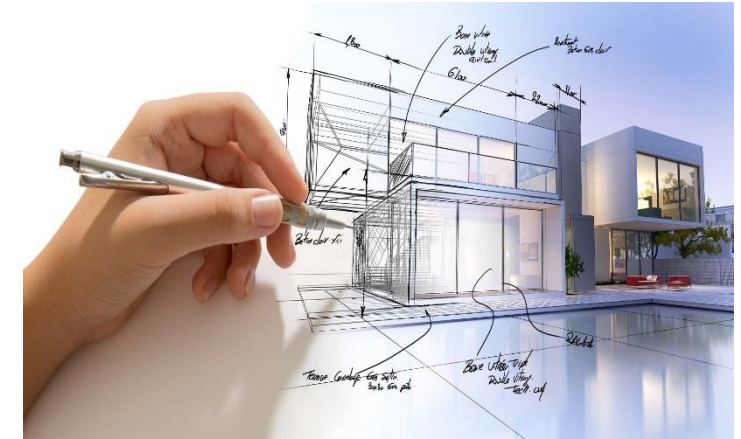
Careers Using Design & Technology

Fashion designer
Design and create original pieces of clothing, footwear and accessories

Product designer
Designs and creates a range of items that match customer needs

Architect
Plan and design the construction of new buildings

Our Design & Technology Leader is…

Miss Ghouse
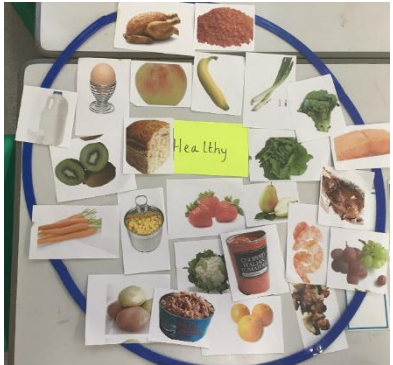
Science at Parsloes Primary School

At Parsloes, our curriculum is built around...

Language Acquisition
Empowering Experiences
Active and Hands-on Learning
Relevance to our Diverse Community
New Knowledge and Skills

Design & Technology at Parsloes Primary School

HEALTHY COOKING

Design & Technology at Parsloes Primary School

Design & Technology at Parsloes Primary School

MECHANISMS