

Robot Wars

The Golden Threads in this topic are...

Collaboration and Resilience

In this topic the children will learn about the impact of robots on our lives today. They will look at the history of robotics as well as practically exploring coding and designing and making their own robot.

In PSHE this term we are learning about dreams and goals.

In Art we will:

Use different pencil grades to create different effects.

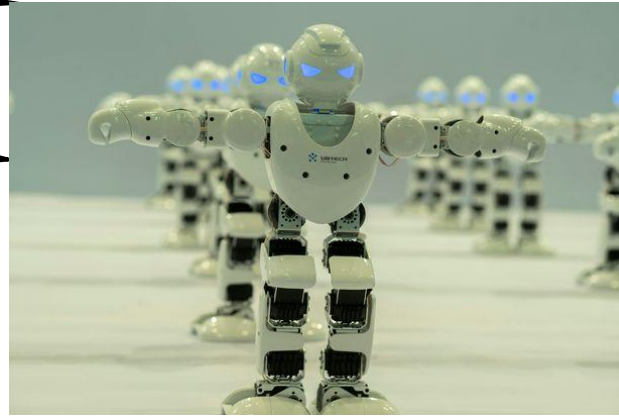
In DT we will:

Research different robots and use this information to design and make our own working robot.

Evaluate our robot and discuss what we could improve further.

In ICT we will:

Learn how to code using a range of computer programs



In History we will:

Learn how technology has advanced over the last century

New vocabulary we will learn:

Autonomous robot- a robot that can act on its own without being controlled.

Humanoid- a robot with an appearance based on that of human.

Nano- robot- a robot that is smaller than a millionth of a millimetre and can work inside the human body.

Robotics- the study of robot technology

Co-robot- A robot that works together with humans.

Animaloid robot- a robot which is in the form of an animal

Texts that you could read at home...

Iron Man by Ted Hughes

National Geographic Readers: Robots by Melissa Stewart

Recycled Robots: 10 Robot Projects- Robert Malone

The Lost thing by Shaun Tan

Don't forget to check out your local library!