

English

Adventure Stories – Use the Iron Man as a stimulus, look closely at description and how suspense and excitement is created. Plan and write own adventure stories including the role of a robot.

INFORMATION:

Choose an invention and create an information page about a robot.

Poetry – Consider descriptive vocabulary for robots, considering movement as well as senses. Write robot poetry.

Music

“Hey You!” Hip hop music – linked to robots. Children to learn the song “Hey you” and add instrumentals to this.

Children to learn to add improvisation to their music. Christmas Cantata music also to learn and perform!

French

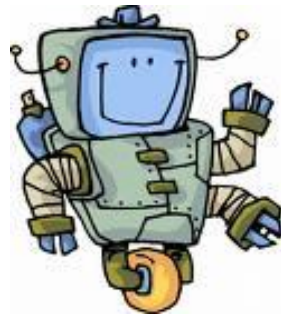
Learn the body parts, colours and numbers.

Learn how to greet one another and say please and thank you.

Art and DT

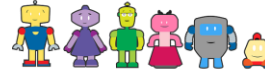
Design and make a junk model robot.

With inspiration from Eric Joyner and Clayton Bailey, children to consider and design their own robot from junk. Can they plan an electronic feature in to their design?



History

Time line – How have robots changed over time? Look at their increasing involvement in society. What does the future hold?



Rise of the Robots!

Topic Web – Fernworthy
Autumn 2

Science

Electricity

Simple circuits
Mains vs Batteries.
What is a circuit?
Electrical conductors.
Electrical switches.
Electrical Scientists.
Linking knowledge to robot design!

Maths

Securing number facts, relationships and calculating.
Handling data and measures.
Calculating, measuring and understanding shape.

PSHE

Be Friendly, Be wise.
The importance of friends.
Managing anger.
E-safety.
Drugs education.

ICT

Control – Use programmable robots to explore how instructions can be written. Write instructions that allow the robot to create 3d shapes. Transfer this understanding to on-screen logo, writing simple procedures to create given effects.

RE-

Prayer, Saints and Feasts-

To explore the story of St. Francis and his message of peace.

Advent – to consider how we prepare for the Christmas season.

Christmas- To consider the Christmas story from the perspective of the shepherds and recognise that Jesus came for all.

PE

Netball – learn rules of netball and begin to discuss and use tactics.

Dance – Consider the movement of robots and create dance phrases that represent this. What roles do robots have? Can we use our movements to represent these?