Tomorrow's World

Maths: This term children will focuses on fractions, ordering, adding, subtracting, multiplying and dividing fractions, including mixed numbers. Division; fractions and percentages focus on division and fractions; children rehearse mental strategies and short division, giving remainders as fractions; fractions are added, subtracted, multiplied and divided; Calculating area of triangles, parallelograms and finding the missing angles in triangles, quadrilaterals and polygons. Children will also practise

Literacy: The children will be reading **Runaway Robot by Frank** Cottrell-Boyce and illustrated by Steven Lenton (Macmillan) .Alfie is getting used to having a detachable hand but instead of going to the Limb Lab with other children learning to use artificial limbs, he spends time at the airport. Children will compose news reports. Composing an explanation text. To engage children with a story with which they will empathise .To enjoy an exciting story with memorable characters.To draw inferences about characters' feelings, thoughts and motives from their actions.

Science: Children will explore the topic electricity. Children will create series and parallel circuits and understand how how current travels through a circuit.

Children will also use circuit symbols. They will also investigate which objects will let current pass through.

Art/DT:

This half term children will be designing their own gadget for an everyday problem or relating to a hobby they have. They will be researching other gadgets already available on the market. They will create a design brief and come up with different design models which they can choose from. Children will also be looking at logos and designing a logo for their gadget.

Topic:

This term children will be looking at the history of computing and create a timeline using MS Word and the internet. They will also be looking at famous individuals and research how they have helped change the world of technology.

Innovate Challenge: Spy School

MI99 are setting up a spy school for young people who are interested in espionage. Does that sound like you? Shh come closer. They would like you to design and cre-

PSHE:

Children will understand the developments in technology, the benefits and drawbacks.

PE:

This half-term children will be focussing on hockey and the skills associated with playing the game.