

NUMERACY

Throughout the term we will be using statistics in our science experiments to record results and analyse the results. We will also use measurement in our science experiments.

Multiplication and division, using money and measure to solve one step and two step problems.

Geometry and shapes.

Fractions.

We will also be revising and continuing to learn our 2, 5, and 10 times tables.

LITERACY

Pattan's Pumpkin by Chitra Soundar – We will use T4W to write our own overcoming a threat story which will be about floods.

The Storm Whale by Benji Davies – Looking at the environment, problem of plastic (linked to 7 billion ideas)

Traction Man by Mini Grey - An adventure story focussing on inventions, instructions about how to make an invention (linked to 7billion ideas)

Traction Man and the Beach Odyssey by Mini Grey - writing letters back to home about his adventures.

WOW

Trip to Cragside with Year 4 to look at the history of Lord Armstrong and the invention of hydroelectricity.

Traction Man

T4Writing – A Finding tale Innovation – Character goes on an adventure to find an invention to save the planet (linked to 7 billion ideas)

HISTORY

We will look at the local famous person Lord Armstrong, researching his life and legacy. We will look at the impact of his inventions, especially the hydroelectricity at Cragside.

Geography

Compare the features of Percy Main to a village in India. Also compare the different type of jobs.

SCIENCE

We will look at the properties of materials and then invent different costumes for traction man in different weather conditions.

Research: Scientist – McAdam and Dunlop

We will also look at the properties for vehicles/transport Scientist – McIntosh. Looking at the properties of different materials.

STEM WEEK

7 billion ideas Invent and present a world changing invention.

CREATIVE

Look and make our own Indian relief paintings. Compose and play an Indian inspired tune with a beginning, middle and ending. 7 billion ideas project – plan and make a world changing invention. Make a waterproof suit for Traction man. We will bake and try Challah bread. Design pop art of Traction man based on Roy Lichtenstein

Science 'Fashion Show' to model our different inventions of our new Traction Man suits. Invite other classes to come and watch

T4W - Traction Man – Write Instructions for science experiments

PSHE and RE

R.E. – Studying Judaism and the Shabbat – make a Shabbat card, instructions for baking Challah bread, bake Challah bread, design a Shabbat card and bread cover. Learn about Hanukah, Moses and the functions of the synagogue

PSHE - Looking at relationships and focussing on behaviour as well as how we can hurt each other's feelings.

PE

Net and Wall Games Commando Joes unit about Pocahontas linked to inventions and water.

COMPUTING

Purple Mash – Questioning unit to create a data base about homes. Online Safety.

MAIN DRIVER (Science)

Study of the properties of materials.

Talk 4 writing

Pattan's Pumpkin - To write a 5 part adventure story about overcoming a natural threat.

What are we doing?