

Medium Term Planning		Year 4 Learning Journey Map		Term: Spring 2	Weeks: 6
Mapping curriculum content-knowledge and skills; creating cross curricular links; generating learning opportunities; composing the bigger picture					
Teaching and Learning Principles and Curriculum Driver					
Equality of Opportunity Raising pupil aspiration through inspiration, enjoyment and fulfilment; Access to academic excellence; Opportunity to enhance and develop skills/talent; Developing dedication and resilience	Enquiry Based Learning Creative thinkers; Real life challenge Risk taking; Resourcefulness; Enterprise; collaboration; Independent; Fostering and applying thinking skills	Inspire awe and wonder Use stimuli to motivate and inspire- visits, visitors, artefacts, books, videos, plays, role play etc.	Force for Positive Change Who or what has been a force for positive change? How can we be a force for positive change?		
Throughout our learning journey, science resources, and D&T equipment have been purchased and rented for all children to explore and enjoy in lessons.	Since this learning journey is all about electricity, children will be given the opportunities to enquire about how electricity is used to power not only lightbulbs but other everyday objects as well. Children will also be able to explore various conductors and insulators and make their own conclusions.	A very engaging science workshop ‘Electricity Buzz Wire’ is planned. Children will be able to have hands-on experiences, investigating electricity to inspire and embed learning	There are a variety of ways the children can be forces of positive change throughout this learning journey. For example, the use of electricity within our school, turning off lights and interactive boards when not needed.		

YEAR 4

Title: Buzzers, Bulbs and Batteries

Big Bang

Scavenger Hunt on 'What Uses Electricity?' Electricity-free morning

School Trip/Special Events

'Electricity Buzz Wire'- Stem Workshop

Celebration

Presenting our circuit toys on Dragon's Den

Computing — Audio Production

- understanding how to record sound
- understanding how to edit sound
- how to plan a podcast
- how to create a podcast
- creating audio for a podcast
- editing and evaluating audio for podcast

Key Curriculum Areas:

Science

- We will be investigating simple circuits, their components and the products that use them
- Studying electricity and using critical thinking skills to understand how switches are used in circuits and in products that we use today
- We will also be investigating various common conductors and insulators and going through our experiments using the scientific process to conclude and evaluate

D&T:

- To evaluate existing products: toys that use an electrical circuit
- Market research for a targeted consumer
- Developing practical skills with switches
- Planning the use of the needed materials and components to make a toy for Year 1 children
- Creating a toy that lights up and uses an electrical circuit and evaluating our work.

PE Swimming

Indoor- Gymnastics: Balances and receiving body weight
Outdoor- Net and Wall Games: Tennis

Maths

Place Value:

- find 1000 more or less
- count backwards through zero and negative numbers
- round to the nearest 10, 100 and 1000
- multiplication and division facts up to 12 x 12

Fractions and Decimals:

- recognise and write decimal equivalents
- count up and down in hundredths
- round decimals with one decimal place to the nearest whole number

Measurement:

- measure and calculate the perimeter of a rectilinear figure in centimetres and metres
- find the area of rectilinear shapes

Statistics:

- interpret discrete data in bar and time graphs

Art — Art Study: Antony Gormely-

sculpture
 -take inspiration and master techniques of sculpture to design and represent themselves as a paper sculpture

PSHE- My Friends and Me

- group dynamics, smoking, alcohol, healthy friendships

English

Poem: Creating 'Found Poems' using key vocabulary and special phrases from text, 'The Iron Man'

Fiction-Narrative: Sci- Fi Narrative

- Write a missing chapter for the text
- Use of a story mountain to plan and discuss ideas -character and setting description
- fronted adverbials with commas, expanded noun phrases, verb tenses, subordination, and direct speech

Fiction- Newspaper Article:

- recounting what happened when the Space Bat Dragon landed

Reading: Daily guided reading sessions and whole class reading sessions

Music- Guitar

- Recall prior learning and read musical notation
- Use open and fingered strings (E B G D A C) and perform a piece

Languages- Spanish

- identify places around school, describe school, identify places in town/describe town