



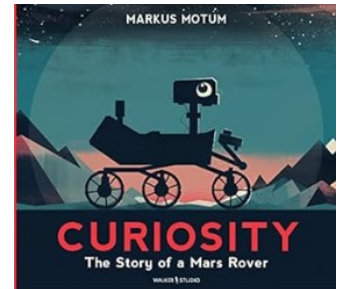
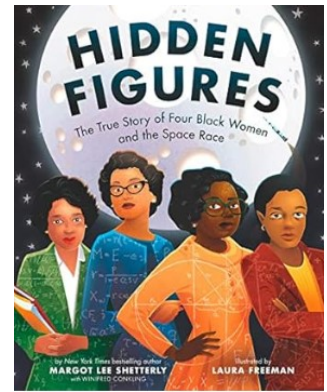
Curriculum Newsletter

Year 5

Spring 1 - Renewable Energy

Welcome Back!

We hope that you all had a restful holiday and are ready for a busy Spring 1! Our World Learning topic this term is Renewable Energy and our Science topic is Earth and Space. In Literacy, we will be reading 'Hidden Figures' by Margot Lee Shetterly, the inspiring true story of four black women who helped NASA launch people into space, and 'Curiosity' by



Goldilocks words:

The Goldilocks words are the key vocabulary the children will learn, understand and be able to use by the end of the topic. They are called Goldilocks words as they are not too easy, not too hard, but just right!

Solar system	Energy source
Planet	Fossil fuel
NASA	Renewable
Mathematician	Non-renewable
	Climate change

Ideas for home learning:

- Research a planet in our solar system.
- Make a list of all the things that use electricity, oil or gas in your home.
- Make a plan for saving energy at home.
- Write a poem about space.
- Make a junk-model rocket.
- Go outside or look out the window at night and discuss what you see.

Key messages:

Jade PE—Monday and Fridays

Turquoise PE— Monday and Wednesday

Girls United football training (both classes split into two groups over the term) - Friday

Please remember that children are to come to school in appropriate PE kit on those days. This should be white t-shirt and black shorts or tracksuit trousers and trainers or plimsolls.

Bags, reading books and reading records, and water bottles should be in school every day please. You should aim to read with and sign your child's reading record every night and discuss their reading with them. Homework will be issued on a Friday and is to be handed in by Wednesday.

Key dates for Spring 1

- Turquoise class assembly—Tuesday 21st January
- Author workshop in school— Friday 7th February
- Half term—Friday 14th February

Spring Term 1 2025

Renewable Energy

Year 5

In **Maths** we will begin the term consolidating multiplication facts up to 12 x 12. Multiply up to 4-digits by 1 and 2-digit numbers, exploring when to exchange during multiplication and division. Dividing up to 3-digit numbers by 1-digit, exploring fractions and make links with equivalent decimals and percentages. We will secure methods for solving 2 and 3 step problems.

In **English** we will be exploring two different text; Hidden Figures by Margot Lee Shetterly and Curiosity by Mark Motum. We will be writing for a range of purposes with a focus on writing to inform. We will consider the purpose and audience of our texts, and explore text structure, while continuing to add UKS2 grammatical features to our writing. We will continue to develop our proof-reading and editing skills.

In **World Learning** we will learn about Renewable Energy. In this Geography topic, we will:

Find out about the advantages and disadvantages of fossil fuels;

Learning about different renewable energy sources;

Locating environmental regions and their features;

Considering how human and physical geography impact land use and energy consumption.

Compare human and physical geography of the UK, a European, a North American and a South American country in relation to renewable energy.

Use maps, atlases, globes and digital mapping to lo-

In **Science**, we will be finding our about the formation and characteristics of Earth and the other planets in our solar system in the topic **Earth and Space**.

In **RE** we will learn about **Islam** and we will be focusing on exploring these questions: What is a pilgrimage? Why do Muslims go on Hajj? Which stories are associated with the places on Hajj? How does the Hajj make Muslims feel they are all part of one family?

In **PE** this term we will be doing Netball with our Moving Matters coaches. We will be exploring, throwing and catching skills and working on using our space effectively around us. The girls will also be participating in a weekly football training session with Girls United to boost confidence and develop their ball and teamwork skills.

In **Computing** we will be:

We will be developing our coding skills.to at first draw simple shapes, before moving on to investigate repeated commands and loops; leading to more advanced programming challenges (including debugging errors).

In **PSHE**, our Jigsaw theme is Dreams and Goals. We will talk about our hopes for the future, explore different kinds of employment, learn about dreams and goals of people in different cultures and consider how we can support each other.

In **Music**, we will be continuing to develop our music skills with Music Matters Musicianship.