Year Five Autumn 2: Curriculum Letter

English
Fiction: Narrative
Writing text: Curiosity: The Story of a Mars Rover by Markus Motum
As writers we will …
Study a fiction text and produce a narrative based on their new science topic *'Earth and Space''.* Children will be encouraged to look at the language used, characters and settings.
Non-Fiction: Persuasive leaflet
Writing text: Hidden Figures by Margot Lee Shetterly
Children will look at the features of non-fiction texts and produce a leaflet persuading budding scientists to join NASA.
Reading
Class Text: A Kind of Spark
A fantastic real-life narrative based on neuro disability and how it impacts the protagonist in the story (a 11-year-old girl called Addie). Children have an opportunity to discuss anti discriminative behaviour, diversity and equal opportunities.

Maths
Multiplication and Division

As mathematicians we will learn to…
- Multiply and divide by 10, 100, 1000.
- Multiples of 10, 100, 1000
- Identify prime numbers, composite numbers, square. numbers and cube numbers.
- Identify multiples and common multiples.
- Recognise factors and common factors.

To build on their foundational knowledge, we will be revisiting fractions. The children will understand how to recognise, find, add and subtract fractions.

Science
Earth and Space

As scientists we will learn …

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Describe the movement of the Moon relative to the Earth.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky
- They will learn about the famous scientist Mae C Jemison

Geography
North America

As geographers, children will…
- Explore North America which is the third largest continent in the world, with twenty-three countries and a population of 580 million people.
- Use maps to locate North America which is a continent in the northern hemisphere and mostly within the western hemisphere.
- Use their locational knowledge and compare the climate, culture, landmarks, language and landmarks of the North America to the UK.

DT
Textiles
As artists we will learn to …
- be looking at Computer Aided Designs (CAD).
- Children will be working in groups to design a luggage bag. The design brief has requirements which the children will need to work as a team.

This topic is related to Karim Rashid's work who is an Egyptian born and a Canadian Industrial Designer from North America. We will be inspired by his work to: Design, Make and Evaluate our own luggage bag to use to travel to North America.

Computing
Computers for Communication and Collaboration

As programmers, we will learn to …
- learn about computer science and programming using J2e software.
- Children will learn how computers offer opportunities for communication and collaboration, considering how technology has improved, and forms of communication have changed as a result, including, who has been influential in the changes of technology over time?

Music
Our musician of the half term is Tchaikovsky.
Classical Music
Children will be looking at the style of music played by our musician of the half term. While considering the style of singing and instrument choice of the musician.

Charanga
Unlocking Vocal Potential
This half term the children will be learning a new song Panto favourites. Children will perform for a wider audience, reinforcing real-world application of their skills.

Physical Education
Dance
As athletes, children will…
- Explore movement through improvisation, introducing unison and matching.
- Sustain their characters to add drama and emotion to the dance.

Game Sense Invasion
The focus of the learning is to develop dribbling from their prior year 4 knowledge in order to keep control and possession of the ball to beat the opponent.

Religious Education
Being Loyal and Steadfast and Being Hopeful and Visionary.
In R.E, our dispositions for this half term are: Being Loyal and Steadfast and Being Hopeful and Visionary. Children will develop a general understanding around this and then look out how it is perceived in different religions.

PSHE
Growing Up
This half term children will learn about communicating safely. By the end of this module pupils should be able to: Be clear about the difference between confidential and secret, understand how to be a good friend and how to act responsibly towards each other.

Creativity Aspiration Respect Excellence Supportive