English

Power of Reading Book: Cosmic Disco by Grace Nichols.

The children will create, practise, and perform their own poetry based on the theme of space. These poems will be performed with a rap beat for the Reception class.

They will also create their own science-fiction descriptions and character profiles. These will be infused into the introduction of a science-fiction story set in another world.

Grammar, punctuation & spelling:

- Expanded noun phrases.
- Metaphors and similes for descriptive elements.
- Personification of inanimate objects.
- The use of alliteration where appropriate.
- Relative clauses and complex sentences.

Computing

Exploring how conditions are used in selection. Selecting outcomes. Asking questions and branching according to a condition. Designing an algorithm for a quiz. Creating, testing and evaluating our program.

Geography Mountains:

- What does a new settlement need?
- Where does our power come from?
- Renewable versus non-renewable energy
- Where does our food come from?
- Conserving resources
- Is there enough?



Year 5

Spring Term 1

Theme: Earth and Space

PSHE: Celebrating Difference

- Investigating jobs and careers.
- My dream job: why I want it and the steps to get there.
- Explore the dreams and goals of people in other cultures.
- How can we support each other?
- Rallying support.

Art

Architecture Big or Small: Making drawings and collagraphs, and creating architectural models based upon our exploration of established models.

French: That's tasty: Learning how to say "I'm thirsty"

Closed shop role-play

Eating breakfast

What's in a sandwich?

Things I like to eat

Toppings on a pizza

PE: Training with Brentford FC specialist coach and Target Games (Net/Wall Games)

Maths

Multiplication and Division:

- Multiplying four-digit numbers by two-digit numbers
- Dividing a four-digit number by a one-digit number with remainders

Fractions

- Equivalent fractions
- Converting improper fractions to mixed numbers and vice versa
- Comparing and ordering fractions
- Fractions as division
- Adding and subtracting fractions with the same denominators
- Multiplying fractions
- Calculating fractions of amounts
- Using fractions as operators

RE

Sikhism: the first 5 gurus.

Examining each Guru to show their actions and influence on the faith.

Science Space (The Final Frontier):

- Spherical bodies and evidence that planets are spheres
- The solar system and the planets in relation to the Sun
- Geocentric versus heliocentric theory
- Night and day (rotation of the Earth)
- International time zones
- Movement and phases of the Moon