

English

- **Composition:** Writing to inform - information report about the planets in our Solar System; biography linked to famous women in space.
- **Grammar:** subordinating conjunctions, expanded noun phrases, relative clauses, colons for introducing lists.
- **SPAG:** Year 5/6 spelling list; plurals – adding 's', 'es' and 'ies'; apostrophes for contractions and possession, use of the hyphen
- **Reading:** A Galaxy of Her Own – Amazing Stories of Women in Space, by Libby Jackson

History

- History of space travel
- Place current study on a timeline in relation to other studies.
- Know and sequence key events of time studied.
- Use relevant terms and periods labels.

Art

- Explore colour using art and design techniques, including drawing and painting with a range of materials.

Physical Education

- Develop flexibility, strength, technique, control and balance
- Perform dances using a range of movement patterns

Modern Foreign Languages

- French – Seasonal vocabulary linked to Christmas

Drama

- Not taught this term

Home Learning

- Ongoing spellings and multiplication tables.
- Daily reading.
- Doodle Maths and English

National Curriculum

- Please click [here](#) for a link to the National Curriculum.

British Values

- Mutual respect for and tolerance of those with different faiths and beliefs, and for those without faith.

Science

Earth and Space

- 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.

Computing

- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.
- **E-Safety** – Recognise acceptable/unacceptable behaviour.

Religious Education

Hinduism

- Do religious people lead better lives?
- Do all religious beliefs influence people to behave well towards others?

PSHE

Celebrating Difference

- Explain why racism and other forms of discrimination are unkind.
- Express feelings about discriminatory behaviour.

Music

- Listen with attention to detail and recall sounds with increasing aural memory
- Improvise and compose music for a range of purposes using the inter-related dimensions of music

Our Newbridge Journey

Our enquiry is:

Do you have what it takes to be an astronaut?

This means we will be learning about:

The planets, our solar system, constellations, night and day, space travel and traditional stories about the moon and the sun and finding out if they have what it takes to become an astronaut!

The Key Skills we will be developing are:

- Contributing to a team and helping motivate others.
- Respecting myself and others for who we are.
- Planning complex tasks and adapting them to achieve what I set out to do.

Mathematics

Number - Multiplication and Division

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
- Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers.
- Establish whether a number up to 100 is prime and recall prime numbers up to 19.
- Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
- Multiply and divide numbers mentally drawing upon known facts.
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3).
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes.

Geography

- Use Ordnance Survey maps, symbols and keys to build my knowledge of the United Kingdom.
- Use the 8 points of a compass, four-figure grid references, symbols and keys.
- Compare 2 different regions in UK.

Design Technology

- Design and make a sundial
- Select from and use a wider range of tools and equipment to perform practical tasks accurately
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities
- Make an orrery