

GEOGRAPHY

Using maps

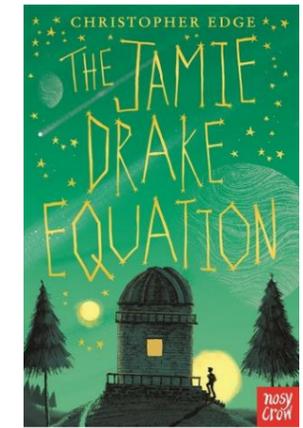
- Compare maps with aerial photographs
- Select a map for a specific purpose
- Begin to use atlases to find out other information (e.g. temperature)
- Find and recognise places on maps of different scales
- Use 8 figure compasses, begin to use 6 figure grid references.

ART

- Use first hand observations using different viewpoints, developing more abstract representations
- Introduce perspective, fore/back and middle ground
- Investigate proportions
- Use a range of mediums on a range of backgrounds
- Work indoors and outdoors
- Show total qualities using cross hatching, pointillism, sidestrokes, use of rubber to draw/highlight

HISTORY

- Know dates
- Know how to draw a timeline which shows different time periods/different information such as famous people or the development of specific features
- Know the reasons for and results of historical events.
- Know about the significance of events, people and developments and how they have shaped our lives today



Amazing Journeys

North America Class Autumn 2

COMPUTING

Programming

- To be able to create a program within a given platform, that follows a planned sequence of events.
- To be able to use logical reasoning to detect errors within an algorithm – thinking about the process that it is meant to be following making sensible judgments instead of making guesses as to where it could be going wrong.
- To be able to use IF statements within a program to create some selective commands and procedures.
- To be able to use different variables within their programs to create desired outcomes.

P.E.

Invasion games

- Play a competitive game (hockey)
- Develop flexibility, strength, technique, control and balance.
- Apply basic principles suitable for attacking and defending.
- Use running, jumping and throwing

DT

- Woodland learning - selecting and using different tools and materials to make what has been designed.

RE

- The oral tradition within Buddhism
- The collected texts, including the Tipitaka
- The importance of Wesak for Buddhists
- Celebrating the life of the Buddha, alongside Dharma and Sangha (not worshipping a god)
- Alms-giving, chanting and 'bathing the Buddha'.

SCIENCE

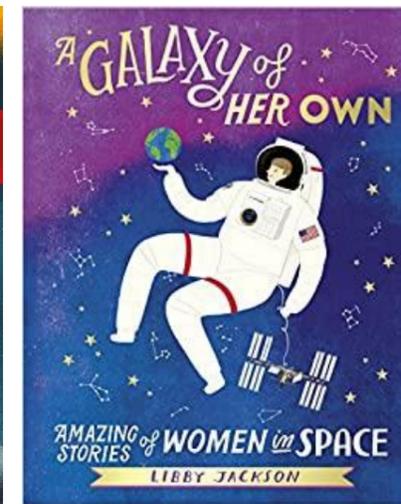
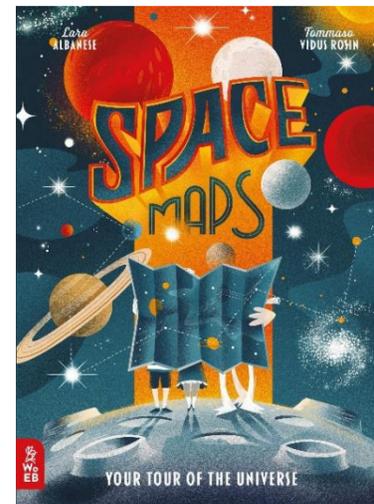
- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Describe the movement of the Moon relative to the Earth.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.

MATHS

- Explore the composition of six-digit, whole-thousand numbers, using the partitioning structure; apply knowledge and strategies from segments 1.17 and 1.18 combined with unitising in 1,000s, as well as column methods and rounding.
- Introduce children to negative numbers, making links to everyday contexts; explore addition and subtraction below zero and across zero.
- Extend the part-part-part-whole structure (three or more parts) to solve missing part/whole problems in a range of contexts; draw on number composition and additive concepts from across the spine, focusing on the structural equivalence of the problems.
- Explore the effect on the sum of changing the value of one or both addends; explore the effect on the difference of changing the value of the minuend, the subtrahend or both. Apply knowledge of compensation properties and inverse operations to calculate and balance equations.

ENGLISH

- proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensuring the consistent and correct use of tense throughout a piece of writing
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
- evaluate and edit by assessing the effectiveness of their own and others' writing



FRENCH

- Reading the time (learning o'clock, half past and quarter past)
- Places in the town (masculine nouns)
- New adjectives for big and small
- Negative adverb: there isn't
- Numbers 1-39

MUSIC

- Can explore and explain their own ideas and feelings about music
- Can appraise own work by comparing/contrasting with work of others
- Can describe, compare and evaluate different kinds of music using an appropriate musical understanding
- Can identify different meters – grouping of the beat –counting and feeling the pulse on the strong beat
- Can use vocabulary such as pitch, tempo, timbre, lyrics to describe music.
- Can create textures by combining sounds
- Can compose music to describe images
- Can create music that describes two contrasting moods
- Can select and combine a range of different sounds to compose a sound-scape stimulated by...(topic)
- Can develop more complex rhythmic ideas

KEY TEXTS AND PUBLISHED PIECES

- The Jamie Drake Equation by Christopher Edge
- A Galaxy of Her Own by Libby Jackson
- Space Maps by Lara Albanese
- Planets of Tau Ceti (faction)
- Narrative setting
- Instructions