Curriculum Overview for Year 5 ~ Summer Term 2016 (Space...and beyond!)

Reading

- Distinguish between statements of fact and opinion.
- Retrieve, record and present information from non-fiction.
- Prepare poems and plays to read aloud and to perform, showing understanding • through intonation, tone and volume so • that the meaning is clear to an audience.
- Perform their own compositions, using appropriate intonation, volume, and movement so that the meaning is clear.

• Interpret negative numbers in context,

count forwards and backwards with

• Add and subtract using formal written

• Multiply and divide using formal written

• Interpret remainders within context.

positive and negative whole numbers,

English

• Learn a wider range of poetry by heart. • Revisit objectives from the autumn and •

- In writing narratives, consider how authors have developed characters and settings in what pupils have read, listened to or seen performed.
- Précis longer passages.

Writing

In narratives, describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action.

'Cosmic', 'War of the Worlds' and non-fiction texts about Space.

Grammar

- Use brackets, dashes or commas to indicate parenthesis.
- Use commas to clarify meaning or avoid ambiguity.
- Spell words containing the letter-string '-ough'.
- Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary.
- Use a thesaurus.



Mathematics

Geometry, Position and Direction & Measures

- Identify angles at a point.
- Use properties of shapes to deduce facts and find missing lengths and angles.
- Distinguish between regular and irregular polygons.
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Fractions

- Recognise and use thousandths and relate them to decimal equivalents.
- Round decimals to the nearest whole number
- Write percentages as a fraction.

Statistics

- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables,

including timetables.

Science

methods.

methods.

Number and

Calculation

• Read, write, order

and compare numbers

to at least 1,000,000.

including through zero.

• Add and subtract mentally.

• Identify multiples and factors.

• Use rounding to check answers.

• Read Roman numerals to 1000.

Animals, including

humans

- Can you describe the changes as humans develop to old age?
- What are the effects of changes experienced in puberty?
- How can we find out about the gestation periods of other animals?

Earth and space

- How can we describe the movement of the Earth relative to the Sun?
- How can we describe the movement of the Moon relative
- How can we find out how ideas about the Solar System have developed over time?

History

• Place the events of the moon landing and space race into a timeline.

Art & Design

- Use sketch books to review and revisit ideas.
- Improve their mastery of techniques, including an increasing awareness of different kinds of art, craft and
- Learn about great designers in history (linked to 'Space...and beyond!' topic).

Look at the works of Alan Bean & Peter Thorpe (artists); create pieces of art, taking inspiration from their work.

equipment to perform practical tasks accurately.

Understand how key events have

Moving toys.

helped shape the world (the space race).

• Select from and use a wider range of materials.

Apply their knowledge of how to strengthen

Understand and use mechanical systems.

Pallant House art project.

Computing

- Select, use and combine a variety of software.
- Collect, analyse, evaluate and present data and information.
 - Use logical reasoning to explain how simple algorithms work.
 - Detect and correct errors in algorithms and programs.
- Use sequence, selection and repetition in programs.

'Scratch', writing algorithms, using the Internet for research and POP kits.

Design & Technology Geography • Select from and use a wider range of tools and

the space race

world's countries – link to

• Locate the

PSHE &

- Relationships.
- Growing up.

Citizenship Music

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

'Exploring sound sources'.

Physical

Education

- Develop flexibility, strength, technique, control and balance (through athletics).
- Play competitive games (cricket, tennis and rounders).
- Use running, jumping, throwing and catching.
- Take part in outdoor and adventurous activity challenges both individually and within a team. (Year 5 Camp).

Rounders, Cricket, Tennis and Athletics.

Religious

Education knowledge and

Develop our understanding of

Languages - French

Appreciate stories, songs, poems and rhymes in French whilst learning new vocabulary linked to the space topic.

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