

## Maths



- Read, write, order and compare numbers to at least 1000000 and determine the value of each digit
- Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000
- Count forwards and backwards with positive and negative whole numbers including through zero
- Add and subtract whole numbers with more than 4 digits, including using formal written methods
- Solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why.
- Multiply and divide numbers mentally drawing upon known facts.
- Know all times tables up to 12 x 12
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Use formal written methods to solve multiplication and division problems
- Complete, read and interpret information presented in line graphs and tables including timetables.
- Recognise and write fractions of objects and amounts

## Topic Web - Red Class (Year 5)

### Autumn Term 2017

# One small step for man, one giant leap for mankind

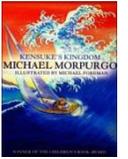
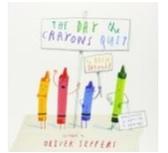
## Science

- Earth and space
- Forces
- Working scientifically



## English

- The day the crayons quit
- Letter writing
- Taking notes
- Further develop poetry skills
- Kensuke's Kingdom
- Writing stories: Planning, organisation and description
- Diaries
- Develop reading skills including fluency and understanding
- Further develop speaking and listening skills including storytelling
- Continue to learn spelling patterns
- Use a dictionary / thesaurus effectively
- Develop use of continuous cursive handwriting style
- Plan and structure writing based on its purpose
- Develop editing techniques
- Use a wider range of punctuation, conjunctions, adjectives and adverbs



## Geography

- Climate and weather around the world
- Water cycle
- Using globes and atlases



## Computing

- Use search engines to retrieve information
- Internet safety
- Use presentational devices
- Develop touch typing skills



## Art and Design

- Improve techniques including drawing, painting, printing and collage
- Know about great artists and designers (Kandinsky)
- Design, develop, produce and evaluate products that are fit for purpose



## Music

- Using instruments to compose and perform simple pieces of music related to our topic



## French

- Develop greetings and phrases
- Background information about the country - festivals and celebrations.



## P.E.

- Invasion games
- Team skills
- Gymnastics/Dance



## R.E.

- Ultimate questions



## PSHE

- School Values
- Caring / Curiosity
- Feelings and emotions
- Being a good learner
- The learning pit and growth mindset
- Circle Time