



LTP

# Great Explorations Topic Web: Summer Term

## Mr Ford: Y5/6 Worker Bees



### Literacy 1

Possible Order of Weekly Themes

Wk 1. Science Fiction (F): **Using "Who is Neil Armstrong" book to explore characterisation** for own stories.

Wk 2. Non-Chron Reports (NF): Writing reports on aspects of Solar System.

Wk 3. Personification (P): Using Silver by Walter d.l Mare to explore technique.

Wk 4. Science Fiction (F): Improving techniques in own Science Fiction writing.

Wk 5. Y6 SATs Y5s to engage in other Literacy activities (Assessment Week).

Wk 6. Non-Chron Reports (NF): Creating computer games/APP reviews.

Ext/Diff: During weeks 1-4, Year 6 will be exploring themes with a view to revising for SATs.

### Computing

Mars Rover. Children explore programming a robot using hardware or an app to follow directions precisely for a given purpose.

Creating App/Game. Children programme variables to create a game/app that an audience can play.

### Science 1

Space Exploration. Pupils learn to describe movement of Earth relative to sun; describe movement of moon to Earth; explain day and night. Ext: Develop understanding of gravity from forces topic. Using sun, moon/stars to navigate to link with after half term.

### Numeracy

To Follow Abacus Plans

Wk 1. Money Problems

Wk 2. Fractions, Ratio and Proportion

Wk 3. Decimals, Percentages and Fractions

Wk 4. Geometry and Measurement

Wk 5. Assessment Week (Y6 SATs)

Wk 6. Prob Solving, Reasoning and Algebra

Wk 7. Half Term

Wk 8. Fractions, Ratio and Proportion

Wk 9. Geometry and Measurement

Wk 10. Problem Solving

Wk 11. Prob Solving, Reasoning and Algebra

Wk 12. Measurement

Wk 13. Assessment Week

Wk 14. Maths Games

Ext/Diff- During weeks 1-4, Year 6 will be exploring a wider variety of maths problems/ areas to revise for SATs.

### Science 2

Survival Skills. Preparing for weather: insulating materials to keep warm or cool. Observe materials changing state, measuring temp (C) at which this happens. Looking at evaporation and condensation in water cycle and effect of temperature. Opportunity to recap prior topics.

### Literacy 2

Possible Order of Weekly Themes

Wk 1. Classic Novels (F): Version of The Hobbit by JRR Tolkien. (TBC)

Wk 2. Argument and Persuasion (NF): Debating themes with outdoor focus, ie Eco or related to survival skills/decisions.

Wk 3. Persuasive Poetry (P): Poem TBC focusing on debating within poetry.

Wk 4. Argument and Persuasion (NF): Putting views across properly in council.

Wk 5. Classic Novels (F): Developing own story with a journey.

Wk 6. Assessment Week: Tests.

Wk 7. Literacy Games: Celebration/performance of work by the children.

Ext: Opportunities to recap or develop any text types/techniques from year.

### Foreign Languages

Exploring France. The children will continue to receive French lessons from a specialist teacher for one half of the term. The lessons will look at exploring different aspect of the French language and culture.

### Religious Education (R.E)

What lies beyond the stars? Looking at ultimate questions, discussing views and beliefs of others to formulate own, giving reasons.

World Beliefs. Exploring different beliefs from around the world, comparing and contrasting with own.

### PSHE

Aliens. **Looking at people's differences**, allowing opportunity to discuss feelings, changes, worries about different people or being different.

Global Citizenship. Looking at our responsibilities in looking after the planet. Ext- Possibly looking at responses to contrasting locality.



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### You Can Help Your Child By:

Literacy.

- Reading with your child on a regular basis. (Absolute must!)
- Giving opportunities to write for a purpose at home, e.g letters, emails.

Numeracy.

- Practising times tables constantly.
- Mental problems of addition and subtraction, multiplication and division.
- Real life problems involving time, money, shape and measure.

SATs Practise.

- Y6 parents can help their child to reflect on paper what is in their head by regular bursts of revision cards or practise papers.

### Physical Education (P.E)

Fitness Training. Children take part in fitness/athletic style activities as part of their intensive astronaut training.

Outdoor Activities. Children explore camping/outdoors style activities to develop teamwork and problem solving skills.

### History

Moon Landings. Exploring the life of Neil **Armstrong and the "Space Race"**. Opportunity to look at how space travel has developed and what developments their might be in the future.

### Term Dates:

Term Starts: 13th April 2015  
 Half Term: 25th—29th May 2015  
 Term Ends: 17th July 2015

For other dates and events during the term, please check the school website and/or twitter account regularly.

[www.strettonsugwas.com](http://www.strettonsugwas.com)

[@strettonsugwas](https://twitter.com/strettonsugwas)

### Geography

Mountains and Rivers. Children engage with 6 figure grid references, looking at human and natural features. Children explore features of rivers and mountainous landscapes. Opportunity to discuss water cycle. Ext- Children can explore a local area, using maps and compasses.

### You Can Help The School By:

Homework. Helping your child to see the purpose of research and hard work, asking them **"what do you think?"** in order to help them think independently.

Offering Help/Resources. Our Great Explorations topic will focus on Space for the first half, then the wider world/outdoors for the second. We would love to have any parents will survival skills help share their knowledge where possible in this planning.

### Design and Technology (D.T)

Rocket Launch. Using 2 litre drinks bottles to design and create rockets. Rockets can be set off using pump/pressure. Ext- Opportunities in class or at home to make lunar landscapes /planets or models of Mars Rover.

### Music

Compositions. Children given opportunity to recreate a musical journey. This may also be opportunity to recreate/develop own Planet Suite by Holst.

Leavers. Children in Year 6 will have opportunity to present to parents in their **Leaver's Assembly. Year 5s to assist..**

### Art and Design

Art in Nature. Children use the work of Andy Goldsworthy to inspire their own work whilst engaging in the outdoors. Ext- Opportunities may be also given to explore and recreate different types of art from around the world.



# Topic Overview

## Phase 2

