

Spring 1 2016-17 Year 5

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
|----------------|---|--|--|--|--|--|
| English | Grammar Focus Identifying types of clauses within sentences | Grammar Focus Identifying parts of speech | Rainforests - Information Books Identifying features of non-fiction book. Researching factual information about rainforests. | Rainforests - Information Books Using their research, the children create their own information books about rainforests. | Rainforests - create a creature Children use descriptive language, their imaginations and factual information to create their own rainforest creature. | Rainforests – Letter to a Biologist Having created their own creatures, children write to a biologist to describe the creature, its behaviour and habitat. |
| Maths | Division – with remainders | Division – with remainders and in context (scaling) | Problem solving – Using all four operations children are challenges with a range of word and number problems. | Fractions – Ordering, Finding equivalents, Simplifying, Comparing. | Fractions – Recognise mixed and improper fractions, Add fractions with the same or different denominators. | Fractions – Subtract and multiply fraction. |
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| Science | Properties and Changes of Materials – Group together and compare everyday materials on the basis of their properties. | Properties and Changes of Materials – Dissolving liquids and recovering substances from a solution | Properties and Changes of Materials – Explore ways to separate substances through sieving, filtering and evaporating. | Properties and Changes of Materials – Demonstrate dissolving, mixing and changes of state. | Properties and Changes of Materials – Explore changes – reversible or irreversible. | Properties and Changes of Materials – Explain changes in in the formation of new materials. |
| Thematic | The Vikings are Coming! Children will be designing, making and evaluating their own Viking shield and Viking longboat. Children will investigate rivers & identify the geographical features. They will study Viking settlements and look at how they traded and raided. Children will then research Viking Gods and Goddesses; producing an independent project. The end point of this topic will be a celebration of their work on Museum Day. | | | | | |
| Computing | Scratch Program | Scratch Program | Scratch Program | Rainforest Research | Independent research - linked to Thematic | Independent research - linked to Thematic |
| PE | Tag rugby- children will learn how to pass a ball, score a tri. They will learn to mark players, attack & defend and play a game in various positions. Swimming- refining their techniques for front crawl, breast stroke and backstroke. | | | | | |
| RE | Where are your | How can people show they are equal in a | What are the main areas of a Sikh temple and | What features of a Gurdwara can children | Where is Amritsar? Why is it | What happens in |

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| | special places? | special place? | how are they used? | recognise in a local Temple? | special to the Sikh community around the world? | and around the Golden Temple? |
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