Half termly forecast: Spring 2 (SATs Preparation) Name of Teacher: Miss Burnham Year Group:6

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| Date | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
| Maths | Adding, subtracting, dividing and multiplying fractions and solving fraction problems | Statistics- line graphs, bar charts and ,mean, mode, range and median. Formal division using written methods  Solving division problems | BOMDAS- mixed calculations and solving  Addition and subtraction problems- missing number inverse  Ratio and proportion | Circles- formula for circumference and diameter, constructing  Fractions and decimals | Assessment Week  Sat practice papers and arithmetic work | Revision  Multi step problems |
| English | Michael Morprgo – Kensuke’s Kingdom  Narrative Writing- short stories –description, characterisation.  Colons and Semi colons | Persuasive texts- balanced argument sailing around the world  Types of conjunctions and paragraphing  (Link to Kensuke’s Kingdom) | Story writing- a scene from the island with Michael to create suspense stories  Clauses in sentences  Vocabulary- synonyms and antonyms | Range of punctuation  Poetry – Haikus  (Link to Kensuke’s Kingdom)  Assessment Week  Noun and verb phrases revision and past participle | Newspaper articles reporting Michaels’ disappearance (Kensuke’s Kingdom)  Sat practice papers for reading and grammar | Favourite meal description |
| ***On-going weekly revision of SAPG rules and weekly practice papers and tests*** | | | | | |
| Science | **What uses does electricity have and what alternative energy sources could we use?**  ***Green curriculum objective lesson- sustainability*** | **Can we construct a working circuit in series and parallel formation?** | **How can we make a blub lighter? Investigate different circuits controlling variables to carry out a fair test.** | **How can we record our circuits in a clear and uniform system using diagrams?** | **Can we plan and conduct an investigation into different wires affecting bulb brightness?** | **How can we stay safe around electricity?**  **Can we consider the implications of conductors and insulators?** |
| ***Plus weekly science revision homework to consolidate previous topics*** | | | | | |
| Geography | Can we follow an OS map around Styal Forest trail?  Draw a sketch map to record the trail | River Bollin field work investigation into rivers  What standard symbols do OS maps use and can we recognise them? | Why would an 8 point compass help us navigate around the world? Can we give directions for a leg of the voyage with descriptions? | How do six figure grid references help us pinpoint position? Can we provide 6 figure grid references for aspects of the journey? Can we describe the human and physical features in these places? | What different time zones would we travel through if we sailed around the world? Can we locate them? | **Can we draw a map of Michael’s route around the world?** |
| Computing | How do we transmit information in a semaphore? | Can we use Morse Code to send messages? | Can we create and crack codes using Caeser Cipher? | Can we encode messages using substitution with Caeser Cipher? | What makes a good password? | How can we stay safe when surfing the internet? |
| Design Technology | Making electrical circuits for product of choice- burglar alarm, security alarm or night light  Blocked in week to design, build and evaluate products  Using switches and sensors, output devices to produce outcome- buzzers and bulbs | | | | | |
| Music | Creating a composition | Sounds and symbols | Pulse, metre and rhythm | Pitched notes to create melodic patterns | Easter Singing | Creating a composition |
| P.E. | Outdoor Tag rugby games and skills to develop use of throws to pass and defend. Play mini tag rugby matches  Indoor- Country Dancing with Mrs Webb | | | | | |
| PSHE | Seal – ‘Good to be me’  Recognising anxiety and worries | Covering aspects of safety linked to Crucial Crew visit | Seal – ‘Good to be me’  Recognising anxiety and worries | Seal – ‘Good to be me’  Standing up for what you think/believe | Safety work- RNLI visit and Fire brigade | Seal – ‘Good to be me’  Recognising peer pressure |
| R.E. | Taught by Ms Webb  Continuing Faith- learning about different aspects of faith from Spring 1. Looking at influential faith leaders.  Learning about the Christian festival of Easter and the story from the Bible. | | | | | |
| Special Events | Book Week | Trip to Styal Mill | Sport relief | Assessment Week | Assessment Week  Easter Service | International Week  Parents Evening |