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 methodsSolving division problems | BOMDAS- mixed calculations and solvingAddition and subtraction problems- missing number inverseRatio and proportion  | Circles- formula for circumference and diameter, constructingFractions and decimals  | Assessment WeekSat practice papers and arithmetic work | RevisionMulti step problems |
| English | Michael Morprgo – Kensuke’s KingdomNarrative Writing- short stories –description, characterisation. Colons and Semi colons | Persuasive texts- balanced argument sailing around the worldTypes of conjunctions and paragraphing(Link to Kensuke’s Kingdom) | Story writing- a scene from the island with Michael to create suspense storiesClauses in sentences Vocabulary- synonyms and antonyms | Range of punctuationPoetry – Haikus(Link to Kensuke’s Kingdom)Assessment WeekNoun 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 riversWhat 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 lightBlocked in week to design, build and evaluate productsUsing 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 matchesIndoor- 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 WebbContinuing 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 WeekEaster Service | International WeekParents Evening |