Curriculum Overview for Year 5 Spring Term, 2nd half 2018

Novel as a theme **English Art & Design Computing** Proofread for spelling and We will be developing our printing skills through artwork E-safety is a vital part of the computing curriculum. To ensure consistent subject and We will link our English lessons to based on the artist Rachael Taylor. We will be discussing how children can use verb agreement. punctuation errors. the theme of 'Inventors and technology safely, respectfully and responsibly. Magazine: Information Text Hybrid Reading Inventions'. • To create complex sentences by To justify opinions and To blend action, dialogue The children will be learning about programming and using relative clauses with the elaborate by referring to the and description within how algorithms are used when designing a program pronouns 'which' and 'whose'. text. to accomplish a specific goal. and across paragraphs. To assess the effectiveness of • To explain the effect on the To suggest changes to The children will be using programming software to own and other's writing in reader of that author's grammar, vocabulary and create simple and complex simulations. relation to audience and choice of language. punctuation to enhance purpose. effects and clarify The children will continue to To use organisation and meaning. discrete spelling and **Design & Technology** Geography presentational devices e.g. To ensure consistent and headings, subheadings, bullet nandwriti<mark>ng sessions.</mark> correct use of tense points, diagrams, text boxes. The children will finish their E rtrade work with Mrs We will be developing our understanding of mechanica throughout writing McLean. systems such as gears, cams and pulleys. The children Week 1 Week 6 **Mathematics** will create create a simple mechanism to control Divide numbers mentally and Assess and review prior Add and subtract fractions movement, e.g. a gear box or gears on a toy car. using a formal written learning. with the same and method (up to 4 digits different denominators. Solve problems by scaling. > Identify equivalent Week 2 fractions (tenths and Read and describe hundredths). coordinates in all 4 Week 5 quadrants. Calculate and compare the Modern Languages Music > Reflect shapes and patterns area of rectangles. in lines of symmetry. Understand the difference > Translate shapes. between capacity and solid The children will be taught Mandarin once a week by The children will continue to learn to play the drums Weeks 3 & 4 volume. and a range of percussion instruments. a language specialist. Convert between mixed > Estimate and calculate numbers and improper volume in cuboids. We have a music lesson every Wednesday morning fractions. taught by Mr Fitton. **Science** History Based on our theme 'Inventors and inventions' we will be learning about the Early Civilisations. This half term our science topic Physical Education Religious **Education** We will be learning about balanced and unbalanced forces, gravity, air resistance, water resistance, friction Our whole school worship then e is 'Forgiveness' this and mechanisms. half term. Monday: Tai Chi **Thursday:** Athletics In our RE lessons our topic will be 'why do Christians believe that Easter is a celebration of victory?' Please ensure your child has their kit for both days. Pumps are required as we will be in the hall this half term.

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