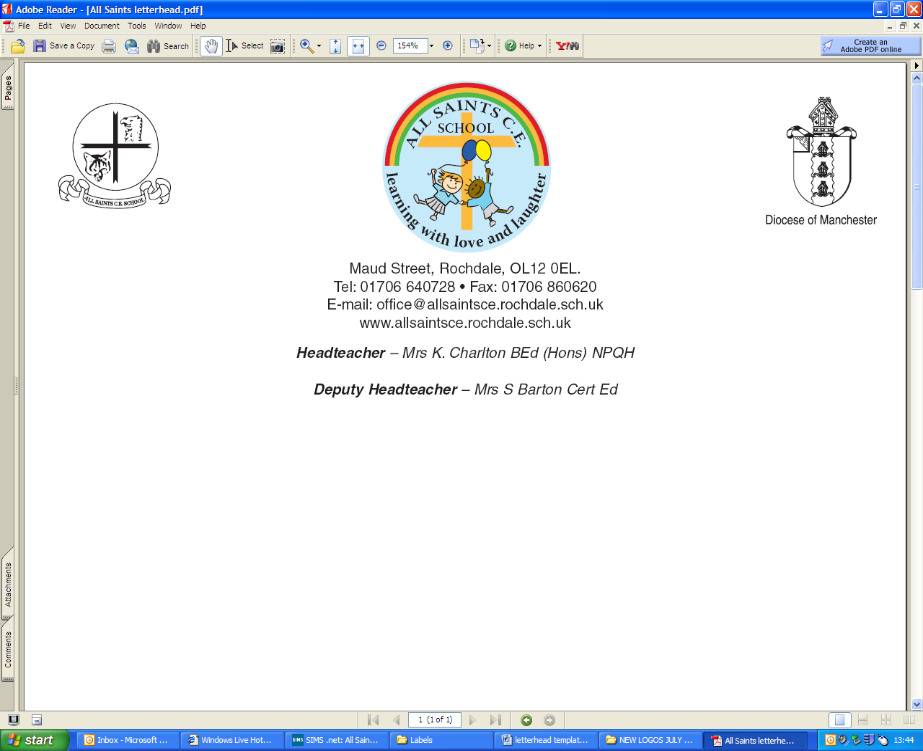
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**Half term plan 2021-22**

**Teacher: M Wheeldon/ E O’Brien Year group: 4 Topic Rise of the Robots Date: Autumn 2**

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| --- | --- |
| Literacy Objectives  Write Stuff  The Water Cycle – Non fiction - Factual Tour  To write effective sentences for a factual tour  Charlie and the Chocolate Factory – Roald Dahl:  Text type: Narrative  Guided Read Rainbow Readers Text: The Dragon in the Library  Friday Grammar: Verbs  Wk 1: Noun phrases  Wk 2: Tricky pronouns/determiners  Wk 3: What are verbs? Simon Says  Wk 4: Alternative verbs - Alphabet Action race  Wk 5: Personification game – noun/verb  Wk 6: Prefixes which alter verb meaning  Wk 7: Adverbs | Numeracy Objectives EOB MW  **Year 4 - Autumn Block 2 - Addition & Subtraction**  Recap Add two 3-digit numbers - crossing 10 or 100  Add two 4-digit numbers - one exchange  Add two 4-digit numbers - more than one exchange  Recap Subtract a 3-digit number from a 3-digit number - no exchange  Subtract two 4-digit numbers - no exchange  Recap Subtract a 3-digit number from a 3-digit number – exchange  Subtract two 4-digit numbers - one exchange  Subtract two 4-digit numbers - more than one exchange  Efficient subtraction  Estimate answers  Checking strategies    **Autumn Block 3 - Length & Perimeter**  Recap Equivalent lengths - m and cm  Recap Equivalent lengths - mm and cm  Kilometres  Recap Add lengths  Recap Subtract lengths  Recap Measure perimeter  Perimeter on a grid  Perimeter of a rectangle  Perimeter of rectilinear shapes  **Autumn Block 4 - Multiplication & Division**  Multiply by 10  Multiply by 100  Divide by 10  Divide by 100  Multiply by 1 and 0  Divide by 1 and itself  Recap Multiply and divide by 3  Recap The 3 times-table |
| Science Objectives  Collins Connect: Switched On  WHAT MAKES IT WORK?  CAN YOU LIGHT THE BULB?  HOW DOES A CIRCUIT WORK?  To explain, using a model, how an electrical circuit works  WHY DOESN’T IT WORK?  To identify and correct problems with circuits  WHAT DOES A SWITCH DO?  To describe what a switch does and how it works  WHAT CAN WE USE INSTEAD OF WIRES?  To sort materials by testing for a property that makes them suited to replace a wire in a circuit | Computing  ICT objectives:  Creating media – Audio editing  Digital recording  Recording sounds  Creating a podcast  Editing digital recordings  Combining audio  Evaluating podcasts |
| Art objectives   * to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] | P.E objectives  Swimming  Netball |
| History | Geography |
| French (KS2)  My Home  Saying where they live  Identifying a variety of rooms and types of furniture  Saying what there is in the kitchen  Describing their daily routine | DT:   * use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups * investigate and analyse a range of existing products * evaluate their ideas and products against their own design criteria and consider the views of others to improve their work * understand how key events and individuals in design and technology have helped shape the world * understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] * understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] * Apply their understanding of computing to program, monitor and control their products |
| Music | R.E Christianity  4.2 Christmas.  Exploring the symbolism of light (4hrs)  Hanukkah (The Jewish Festival of Light) Non-Christian Faith Unit (2hrs) |
| PHSCE  Core Theme 2 Unit 3 Bullying LESSON 1: Reactions Frustration  Core Theme 2 Unit 3 Bullying LESSON 2: Self-Worth I’m a Marvel!  Core Theme 2 Unit 3 Bullying LESSON 3: Persistence and Resilience Don’t Give Up  Core Theme 2 Unit 3 Bullying LESSON 4: Negative Persistence Over and Over  Core Theme 1 Unit 5 Emotions LESSON 5: Feelings Overreacting | Dance/ Drama |
| Visits/visitors |  |