



All Saints CE Primary School and Nursery

Medium Term Planning



Class teacher: Jake Woolcock Year group: 5 Term: Summer 2 Subject: Computing Data Handling: Mars Rover 1

Lesson	Learning Goal (L.G.)	Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science, Kapow French or Music, Purple Mash computing)	Key Vocabulary covered
1	How is data collected from space?	Kapow Primary - Computing - Year 5 - Data handling: Mars Rover 1	Data Discovery Mars rover Planet Signal Data transmission Distance Moon Scientist
2	Read and calculate numbers using binary code	Kapow Primary - Computing - Year 5 - Data handling: Mars Rover 1	8-bit binary Data transmission Radio signal Binary code Numerical data Sequence
3	Identify computer architecture	Kapow Primary - Computing - Year 5 - Data handling: Mars Rover 1	Byte CPU Input Output RAM Sequence Simulation
4	Use simple operations to calculate bit patterns	Kapow Primary - Computing - Year 5 - Data handling: Mars Rover 1	Addition Binary numbers Decimal numbers Input Output Subtraction
5	Represent binary as text	Kapow Primary - Computing - Year 5 - Data handling: Mars Rover 1	ASCII Binary Boolean Data

