RE

* How is faith expressed in Islam?

COMPUTING- Coding

* Coding Efficiently
* Simulating a physical system
* Decomposition and abstraction
* Friction and functions
* Introducing strings

GEOGRAPHY – Spatial Sense

* Maps: dividing the world into sections
* Eastern and Western hemispheres
* Maps: using co-ordinates to locate places
* Maps: drawn to different scales
* Relief maps

MATHS – Shape/ Position and Direction/ Decimals

**Place Value**

* Roman numerals to 1,000
* Numbers to 10,000, 100,000 and 1,000,000
* Powers of 10
* 10/100/1,000/10,000/100,000 more or less
* Compare and order numbers to 1,000,000
* Round to the nearest 10/100/1000
* Round within 100,000 and 1,000,000

**Addition and Subtraction**

* Mental strategies
* Add whole numbers with more than 4 digits
* Subtract whole numbers with more than 4 digits
* Round to check answers
* Inverse operations
* Multi-step word problems
* Finding missing numbers

ART – Style in Art

* An introduction to style in art: technique
* Rococo Style
* Rococo v Modernism
* Abstract Art
* Colour Theory

ENGLISH – Runaway Robot by Frank Cottrell-Boyce

* Character profiles and writing in role
* Story Mapping
* Hot seating and debate
* Persuasive writing
* News Report writing
* Poetry and performance
* Reading comprehension

YEAR 5 - AUTUMN TERM 1

SCIENCE – Materials

* Properties of materials
* Which material is best?
* Solubility
* Separating mixtures- sieving, filtering, evaporating
* Reversible and irreversible changes

**PSHE**

* Keeping/Staying safe
* Keeping/staying healthy
* Peer Pressure
* Smoking

DT- Build Cams Toys

* Research and investigate
* Design and make
* Use and evaluate

History – Baghdad AD900

* The Rise of Islam
* Baghdad: A City of Peace
* Baghdad: Building a City
* Baghdad: A Centre for Learning in the Islamic Golden Age
* The Mongol attack on Baghdad and the Regional Powers