**S.T.E.M – Science Technology Engineering and Mathematics (Maths, Science, ICT, D&T)**

Maths - Year 2 count in 2, 3, and 5 from 0, and in 10s , forward and backward. Recall and use addition and subtraction facts to 20 , derive and use related facts up to 100. Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot. Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. Year 3 count from 0 in 4, 8, 50 and 100; find 10 or 100 more or less than a given number. Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them

Science Light - Recognise that they need light in order to see things and that dark is the absence of light. Notice that light is reflected from surface. Recognise that light from the sun can be dangerous and that there are ways to protect their eyes. Recognise that shadows are formed when the light from a light source is blocked by a solid object find patterns in the way that the size of shadows change.

Computing - use technology purposefully to create, organise, store, manipulate and retrieve digital content, presenting data and information.

D&T - shadow puppets

**Language and the Arts (English, Art, Music, MFL, Humanities)**

English **Text types.** Narrative and Instructions

**Text level.**  Firework Makers daughter

**Sentence level**. Year 2 - writing narratives about personal experiences and those of others (real and fictional) Writing about real events Year 3 - in narratives, creating settings, characters and plot in non-narrative material, using simple organisational devices

**Word level.** Year 2 - learning to spell more words with contracted forms. Form lower-case letters of the correct size relative to one another Year 3 - place the possessive apostrophe accurately in words with regular plurals and in words with irregular plurals

**Reading.** Year 2 - answering and asking questions. Predicting what might happen on the basis of what has been read so far. Year 3 - predicting what might happen from details stated and implied.

Geography

* water cycle
* Mapping bridges/railways locally

History

* Bridges/Railways Events beyond living memory that are significant nationally or globally.

Art - reflections - stained glass windows David Hockney Monet Hokusai Andre Derain

Music

* Handle’s water music
* Light music

MFL - French Colours

**Enterprise link (financial literacy, Charity, business/services)**Harvest service/Harvest Table

**2020 Value: Protect and Trust**

**Autumn 1 2019**

Curriculum Plan

**Pastoral Care (PHSE/Citizenship, Play, Outdoor Space, Forest School)** Protecting the world around us. Helping others.

**The Whole Child**

PE - Dance / Ball skills

RE - Christianity, Islam and Humanist

Collective Worship Trust/truthfulness Courage/Peace

**British Values** Liberty -Laws that keep us safe and have a good well-being