**Area**

-Find the area of rectilinear shapes by counting squares

**Fractions**

- Recognise and show, using diagrams, families of common equivalent fractions

- Count up and down in hundredths

- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

- Add and subtract fractions with the same denominator

* Discuss writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
* Discuss and recording ideas
* Organise paragraphs around a theme
* In narratives, creating settings, characters and plot
* In non-narrative material, use simple organisational devices [for example, headings and sub-headings]
* Assess the effectiveness of their own and others’ writing and suggesting improvements
* Propose changes to grammar and vocabulary to improve consistency
* Use a wider range of conjunctions, including when, if, because, although
* Use conjunctions, adverbs and prepositions to express time and cause
* Use fronted adverbials and use commas after fronted adverbials
* Indicate possession by using the possessive apostrophe with plural nouns
* Use and punctuate direct speech

**English**

Children will write a variety of fiction and non-fiction texts.

**History**

* To understand the Roman Empire and its impact on Britain
* To learn about Britain’s settlement by Anglo-Saxons and Scots
* To investigate the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor

**Maths**

**Multiplication and Division**

- Recall and use multiplication and division facts for multiplication tables up to 12 × 12

- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

- Solve problems involving multiplying and adding

**Decimals**

- Recognise and write decimal equivalents of any number of tenths or hundredths

- Find the effect of dividing a one or two digit number by 10 or 100

- Convert between different units of measure [for example, kilometre to metre]

**Spring Term 2020 – Did invaders really help shape our nation?– Year 4**

**Religious Education**

- Understand beliefs and teachings within Judaism

- Understand practices and lifestyles within Judaism

- Understand how beliefs are conveyed within Judaism

- Understand and reflect on the values within Judaism

**Music**

-Play and perform, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

- Improvise and compose music for a range of purposes

- Listen with attention to detail and recall sounds with increasing aural memory

- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

**Geography**

* To locate the world’s countries, using maps to focus on Europe (including the location of Russia)
* To name and locate counties and cities of the United Kingdom
* To identify different invasion routes using mapping skills

**Computing**

- To use sequence, selection, and repetition in programs

- To understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration

- To use search technologies effectively

- To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals

- To use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content

**Science**

**Properties & Changes of Materials**

- To compare and group materials together, according to whether they are solids, liquids or gases

- To observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

- To identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

- To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

- To demonstrate that dissolving, mixing and changes of state are reversible changes

**Physical Education**

- To use running, jumping, throwing and catching in isolation and in combination

- To play competitive games, and apply basic principles suitable for attacking and defending

- To develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]

**Design & Technology**

- Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurate

- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

**SMSC / PSHE**

**Moral Compass**

- To know how to control our own behavior

- To know how to choose to respond to pressure

- To know how to set a course of action and follow through

**British Values**

-To understand that we have the personal freedom to make choices

- To understand that we are responsible for our own choices

- To understand that not everyone has the same freedom of choice

**Art & Design**

-To create sketch books to record our observations and use them to review and revisit ideas

- To improve our mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]

 -Discuss the work of great artists, architects and designers in history