



**Mathematicians we will know and remember how to:**

**Fractions:**

- ~ use common factors and multiples to simplify fractions and express fractions in the same denomination
- ~ compare and order fractions including those bigger than 2.
- ~ add and subtract fractions with different denominators and mixed numbers.
- ~ multiply simple pairs of proper fractions, writing the answer in the simplest form such as  $1/4 \times 1/2 = 1/8$ .
- ~ divide proper fractions by whole numbers such as  $1/3 \div 2 = 1/6$ .
- ~ link a fraction with division and work out decimal fractions such as knowing that 7 divided by 21 is the same as  $7/21$  and that this is equal to  $1/3$ , and 0.378 is  $3/8$  as a simple fraction.
- ~ explain the place value of any digit in a number with up to 3 decimal places and multiply or divide these by 10, 100 or 1000.
- ~ multiply numbers less than 10 with up to 2 decimal places by whole numbers.
- ~ solve problems which require answers to be rounded to specified degrees of accuracy.
- ~ use written division methods for numbers with up to two decimal places.
- ~ use equivalences between simple fractions, decimals and percentages to help me solve problems.

**Ratio and Proportion:**

- ~ solve problems that involve the relative sizes of two things where the missing number can be found by multiplying or dividing by whole numbers.
- ~ use percentages for comparisons.
- ~ solve problems involving shapes where the scale factor is known or can be found.
- ~ solve problems involving unequal sharing and grouping.
- ~ use my knowledge of fractions and multiples to do this

**Statistics:**

- interpret and construct pie charts and line graphs.
- use these to solve problems.
- calculate and interpret the mean as an average.

**Position & Direction:**

- describe positions in all four quadrants on a full coordinate graph.
- draw and translate simple shapes on the coordinate plane and reflect these in the axis.

**As computer experts we will know and remember how to use data programmes by:**

- understanding and identifying barcodes, QR codes and RFID.
- identifying devices and applications that can scan or read barcodes, QR codes and RFID
- understanding how barcodes, QR codes and RFID work.
- gathering and analysing data in real time.
- creating formulas and sorting data within spreadsheets.
- learning how 'big data' can be used to solve a problem or improve efficiency.



**As Artists we will be learning about Impressionist Art through Claude Monet. We will know and remember how to:**

- use techniques, colours, tones and effects in an appropriate way to represent things I have seen.
- ensure brushstrokes following the direction of the grass, stippling to paint sand, watercolour bleeds to show clouds.
- practise my technique of blending colours together
- improve my use of techniques I have been taught

**As British Citizens we will know and remember how to be:**

**Caring and taking responsibility by:**

- demonstrating respectful behaviour towards others as we get older
- demonstrating respectful behaviour towards others online
- understanding that online people can create fake profiles

**Accepting of Similarities and Differences**

- showing respectful behaviour online and offline.
- accepting that everyone is unique and that is ok.



**Inspirational People**

**As readers and writers; we will know and remember:**

**Narrative:**

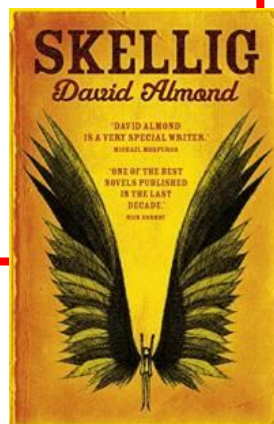
**Descriptive Passage in our story writing:** Kensuke's Island

**Non – Fiction:**

**Balanced Arguments:** keeping a secret from your family: based on Skellig

**Newspaper Reports:** Three Little Pigs – literacy shed

**Non- chronological report:** Black History



**As Historians we will know and remember Inspirational People by:**

**Martin Luther King, Rosa Parks, Barack Obama, Harriet Tuban & Michelle Obama**

- ~ Describing chronology within historical periods
- ~ Evaluating usefulness of a variety of sources – researching significant figures from Black History
- ~ Using primary and secondary sources to learn about a period of history – using different artefacts to learn about significant figures
- ~ Asking historical valid questions about changes over a historical time period



**As Athletes we will know and remember the skills to:**  
**Gymnastics (SL)**

- ~ Work in small groups to make up own sequences
- ~ Experience flight on and off high apparatus

**Tag Rugby**

- ~ Choose and implement a range of strategies and tactics to defend and attack
- ~ Observe, analyse and record team performance

**Dance (NH)**

- Develop motifs and incorporate into self-composed dances as individuals and groups

**OAA**

- Use information by others to complete tasks and work collaboratively.