

Year 4 Planning – Learning Objectives Autumn Term 2018

Numeracy

- To understand the place value of numbers to 10,000 and above
- To compare and order numbers to 10,000 and above
- To add numbers with up to 4/5 digits using the formal written method with regrouping. To subtract numbers with up to 4/5 digits using the formal written method with regrouping.
- To use bar modelling to solve 1 or 2 step addition and subtraction word problems
- To count in multiples of 6, 7, 9, 25 and 1,000.
- To multiply up to three digit numbers by a one-digit number.
- To be able to divide 2/3 digit numbers by 1 digit numbers.
- To solve problems involving multiplication and division.
- To solve problems mentally using previously taught methods.

Literacy

- To use dictionaries to check the meaning of unfamiliar words.
- To make predictions about a text and infer meaning through character feelings, thoughts and actions.
- To retrieve and record information from a wide range of texts.
- To use fronted adverbials to create effective complex sentences.
- To create effective expanded noun phrases using powerful vocabulary.
- To understand the meaning of and be able to spell words that sound the same but are spelt differently (homophones).
- To use a wider range of punctuation for effect.
- To use a range of sentences (simple, compound and complex).
- To correctly organise paragraphs around a theme.
- To use diagonal and horizontal strokes to correctly join letters.

Science

States of matter

- 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
- To measure the temperature of materials changing state in degrees Celsius
- To identify the part played by evaporation and condensation in the water cycle.

P.E

Invasion games

- To learn the skills involved in attacking and defending
- To use these skills when selecting tactics for a game situation

Dance

- To choreograph a short dance using Tudor music as a stimulus
- To learn and develop a sequence of movements

R.E.

Sikhism

- To understand the Sikh religion and how they care for others

Christianity

- To understand the Christian religion and why they believe that Jesus is the light of the world
- To know which symbols are linked to Christmas

History/Geography

- To extend knowledge of British History and to describe how some things from the past affect life today (Tudors)
- To know some similarities and differences within a period of time (Tudors)
- To use documents, printed sources, artefacts, the internet and photographs to collect information about the past.
- To describe and understand key aspects of physical geography including the water cycle

ICT

- To continue to develop typing speed and accuracy
- To understand how to use the internet safely
- To develop an educational computer game using selection and repetition

PSHE

- To understand the idea of SUMO (Stop, Understand and Move On)
- To understand our rights in school and develop a class charter
- To learn the skills to develop a growth mindset

Art/DT

- To create a 3D structure using a variety of materials
- To combine a number of components together in different ways
- To explore the use of colour and blending using pastels
- To develop portrait drawing skills

Music

- To perform rhythms with a steady pulse
- To play core notes for recorder with attention to dynamics and notation
- To sing more complex songs with attention to clear diction and dynamics

French

- To listen attentively to instructions and show understanding by joining in and responding
- To recall numbers 1 – 20
- To learn a variety of greetings
- To take part in a simple conversation

