

Autumn 1 Curriculum Overview

Mondays

Maths

8th September: Multiplication- times table practice. Grid method multiplication.

15th September: Multiplication- times tables practice. Formal methods, long multiplication.

22nd September: Number facts – using multiplications to find division.

LKS2 example - if $24 \times 13 = 312$, what is $312 \div 24$?

UKS2/ KS3 example - powers of 10 difference e.g. if $4 \times 123 = 492$ what is $492 \div 4$?

29th September: Divisibility rules / factors.

LKS2: Use to revise and simplify fractions.

UKS2 / KS3: Use with prime number factor trees.

6th October: Long division.

13th October: Multiplication and division word problems.

English

Written outcome for the unit: To produce an information text on a chosen habitat

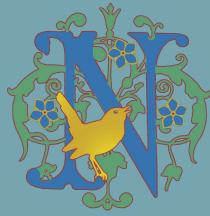
8th September: Identify key features of an information text. Identify how language, structure and presentation contribute to meaning. Brackets for parenthesis.

15th September: Identify style of language used in an information text & common sentence starters. Brackets for parenthesis. Start to talk about different reasons we use brackets (e.g. extra information, asides, authorial intrusion).

22nd September: Record information using bullet points. Use retrieval & summarising skills through research. Use of contents pages & indexes.

29th September: Draft a paragraph, with a focus on parenthesis, & quantifiers, common nouns, adjectives and -ing words as sentence starters. Produce alliterative subheading.

6th October: Draft an engaging introduction, focusing on effective use of simile, parenthesis, rhetorical questions and power of 3.



13th October: Edit, proofread and publish writing.

Science:

8th September: Classify living things using MRS NERG/GREN. Invertebrates using MR FAB. Create a classifying tree.

15th September: Habitats. Discuss definition and explore habitats outside.

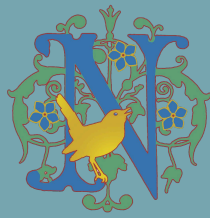
22nd September: Adaptations. Research adaptations for different habitats then start designing their own habitat and adaptations for an animal.

29th September: Adaptations continued. Create animals out of plasticine.

6th October: Evolution. Explore environmental vs inherited characteristics.

Introduce supervolcano - would children's animals survive? Discuss mutations & make fossils using mould and cast process.

13th October: Evolution continued. Discuss natural selection, survival of the fittest & Darwin's finches. Read evolution comic books.



Tuesdays

Tuesdays will be taught by Nicola. Amendments may be made to the following depending on whether further consolidation is needed on the work from Monday's sessions.

Maths

9th September: Quick fire games for multiplication facts. Games from 'Maths Laughs' book.

16th September: Partition numbers eg $134 = 100 + 30 + 4$ to find number bonds to manage large addition mentally.

23rd September: Tangrams. Introduce rotation, translation and reflection.

30th September: Introduce prime number trees to find prime factors. Extend to common factor/ lowest common multiple ideas.

7th October: Toothpick puzzles then look at extending into sequences ideas, including 'terms'.

14th October: Consolidation and application of multiplication and division skills.

English:

English will focus on reading comprehension, with questions covering the following skills:

Retrieval

Inference

Summarising

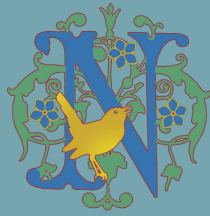
Predicting

Vocabulary exploration

Language Analysis

History: The Romans

9th September: Who were the Romans and Spread of the Roman empire. Map work, linking with Geography.



16th September: The Roman Army. Look at the structure and inscriptions they made, the invasion of Britain, make a roman shield and enact formations.

23rd September: Roman Gods. Design own Roman deity.

30th September: Celebrating Roman achievements e.g. planet names, concrete, Roman calendar and Roman numerals. Make concrete and build a mini wall. Come up with new planets and months, based on unused Emperor and God names.

7th October: Roman music. Listen to different types of music and explore musical instruments. Make a lyre from card, elastic bands and lolly sticks.

14th October: Roman entertainment, including Gladiators, Circus Maximus, The Forum and Colosseum. Create masks for a pantomime.