



Year 5 – Spring 2 – Trade and Resources

As readers and writers we will...

English Key Texts: *Kensukes Kingdeom* by Michael Morpurgo

Writing Genres: Alternate chapter ending and description, balanced argument, newspaper report.

N/C OBJECTIVES:

Writing – Composition:

Plan their writing by: ...identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own ...noting and developing initial ideas, drawing on reading and research where necessary ...in writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed

Draft and write by:... selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning ...in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action

...precising longer passages ...using a wide range of devices to build cohesion within and across paragraphs

Evaluate and edit by: ... assessing the effectiveness of their own and others' writing ...proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning ...ensuring the consistent and correct use of tense throughout a piece of writing

...ensuring correct subject & verb agreement when using singular & plural, distinguishing between the language of speech & writing and choosing the appropriate register

...proofread for spelling & punctuation errors

Reading – Word Reading:

... apply their growing knowledge of root words, prefixes and suffixes both to read aloud and to understand the meaning of new words that they meet

Reading – Comprehension:

...continue to read & discuss a wide range of texts, read books that are structured in different ways & for different purposes.

...understand what they read by discussing understanding & exploring meaning of words; ask questions; draw inferences; predict; summarise;

identify how language, structure & presentation contribute to meaning ...discuss & evaluate use of language ...distinguish between fact & opinion

As mathematicians we will...

Continuing with our Year 5 study of multiplication and division.

N/C OBJECTIVES:

...identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers ...know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers

...establish whether a number up to 100 is prime and recall prime numbers up to 19

...multiply and divide numbers mentally drawing upon known facts

...multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

...divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

...multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

...recognise and use square numbers and cube numbers, and the notation for squared ² and cubed ³

...solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes, solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

...solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

As scientists we will...

Complete a year five study of forces.

N/C OBJECTIVES:

...explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

...identify the effects of air resistance, water resistance and friction that act between moving surfaces

...recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect

Working scientifically

...planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary

...taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate

...recording data and results of increasing complexity using scientific diagrams and labels, tables, bar and line graphs

...using test results to make predictions to set up further comparative and fair tests

...reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations

As geographers, we will...

Children will begin to gain an understanding in how world trade works. Children will explore the UK's imports and exports and world imports and exports and the distribution of the world's resources. They will consider why some countries have higher imports than others and why countries need to import and export goods. We will look at the highest value export for different countries. Children will explore the concept of Fairtrade and why the initiative started. Finally, we will look at the impact trade has on where people choose to settle.

NC Objectives

...describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water ...use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

.. name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

As Sports people we will...

Complete swimming lessons weekly.

N/C OBJECTIVES:

...swim competently, confidently and proficiently over a distance of at least 25 metres

... use a range of strokes effectively.

... perform safe self-rescue in different water based situations

Trade and Resources

PSHE

In PSHCE we will be following the Jigsaw Unit of Work 'Healthy Me'

As musicians we will...

Kapow unit- composition notation

As artists we will...

Research Ancient Greek artwork and sculpt our own Ancient Greece pots.

N/C OBJECTIVES:

...develop their techniques, including control & use of materials, with creativity, experimentation and increasing awareness of different kinds of art, craft and design.

...create sketch books to record their observations and use them to review and revisit ideas.

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

...about great artists, architects and designers in history.

SMSC/ British Values

- British Values – weekly Picture News linked to democracy, the rule of law, mutual respect and individual liberty.
- SMCS opportunities through Topic, English, PSHE, RE and art.

UNCRC:

Weekly UNCRC articles linked to Picture News.

As computer scientists we will...

Concept maps

Purple Mash unit 5.3

The children will complete a unit on information technology with a focus on spreadsheets.

N/C OBJECTIVES:

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, including collecting, analysing, evaluating and presenting data and information.

We will the codes of living that both religious and non-religious people have. We will learn about how the 10 commandments are the codes of living for Christians and the pillars of Islam are the codes of living for Muslims.

N/C OBJECTIVES:

Calderdale agreed syllabus.

Unit: 5:2 – what values are shown in codes of living?