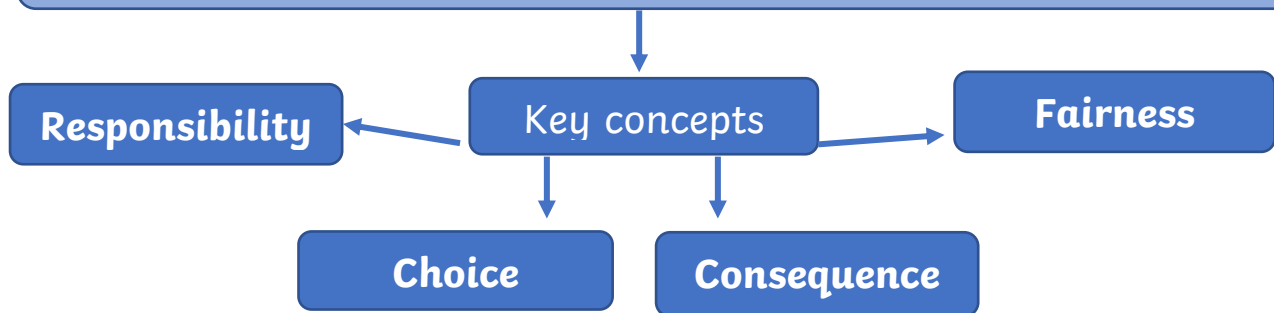




Autumn Term Class 4



Enquiry Question: Are we responsible for the world we live in?



Curriculum – Discover

Welcome to an amazing Autumn Term at Summercourt Academy - packed full of inspiring learning opportunities, a new project enquiry question and thought provoking discussions that will broaden children's understanding of the world around them....

Literacy

- Fairness - Diary entry from the perspective of an endangered animal - highlighting the difficulties facing their species
- Consequence - Formal letter written to Environment Secretary about how to and importance of reducing greenhouse gases in atmosphere
- Choice - Narrative based on book 'Moving planet isn't easy'.

Class Novel: The Astounding Broccoli Boy

Maths

- Number – Place Value Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero. Use negative numbers in context, and calculate intervals across zero. Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000. Round any whole number to a required degree of accuracy. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
- Number- Addition and Subtraction Add and subtract numbers mentally with increasingly large numbers. Perform mental calculations, including with mixed operations and large numbers. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Number – multiplication and division Multiply and divide numbers mentally drawing upon known facts. Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Identify common factors, common multiples and prime numbers. Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers. Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication. 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. Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context. Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, interpreting remainders according to the context. Use their knowledge of the order of operations to carry out calculations involving the four operations. Solve problems involving addition and subtraction, multiplication and division and a combination of these.



- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals.
- Describe how living things are classified into broad groups
- Describe the movement of the Earth, and other planets, relative to the Sun and the moon relative to earth.
- Describe the movement of the Moon relative to the Earth
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- Recognise that living things have changed over time and that living things produce offspring of the same kind and are not identical to their parents.
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Other curriculum areas

- Comparison of different European countries
- Study Human Geography – natural resources, trade links, land uses (European comparisons)
- Locate a range of countries
- Research achievements of early civilisations and their contribution to the future
- Analyse great artists, architects and designers in history
- Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of material

Intended Outcome

Children to learn and develop skills that will enable them to access discussion and prepare them for key issues surrounding their future.

Launch Day

Learners to use knowledge of habitats to search for frogs around the school grounds. These can be put in the class tank for the day. Consequent discussion about amphibians and animal characteristics.



Important Diary Dates

- 25th Sep Summercourt Fair
- 16th Sep Meet the Teacher/SATs presentation Y6&Y5
- 30th Oct Parent Meetings

This overview shows the intended learning, which may change due to pupil interests.