

Kestrel Class Autumn 2019 Brazil – land of contrasts

Big Ideas: Brazil is largest country in South America and is home to the largest rainforest on the planet. Rainforests are critical to the health of our planet. Huge cities like Rio and Sao Paolo provide home to many people including many poor people who are

Science: Magnets and Forces :

Big Ideas: All forces are some kind of push or pull.

Gravity is a force that pulls objects down.

Magnets can attract or repel certain materials.

We measure strength of force in Newtons.

Science: Materials: States of Matter

Big Ideas – we can sort materials into three groups, solids, liquids and gases. Each group has particular characteristics.

ICT: simple programming techniques / safe use of internet and social networks

Geography:

Big Ideas – as humans we have a significant impact on the environment;

Conversely, environments affect the way we lead our lives.

There are a range of climates and environments across the American continent.

D&T: Structures: design and build a load bearing bridge.

Art: Portraits: mixing colours, washes, backgrounds and layering.

Music: Start to learn recorder (musical notation)

RE: Hinduism:

Big Ideas: Hinduism is the world's third largest (and the oldest) religion.

Hinduism originated about 4000 years ago in India and is practised today by 80% of

Hindus believe in a universal soul or god called Brahman who is represented by a wide range of different gods and goddesses,

PSHCE: Myself and my Emotions
Relationships (SRE)

Spanish : Meeting and Greeting,
Vocabulary associated with 'Our Village'

Maths objectives: Autumn term focus: Place Value and Calculations

Place Value	1. Read, write, order & compare numbers to at least 1 000 000 and determine the value of each digit.
	2. Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
	3. Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.
	4. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
Add and Sub	5. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
	6. Add and subtract numbers mentally with increasingly large numbers. Use rounding to check answers to calculations and levels of accuracy.
	7. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
Mult and Div	8. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
	9. Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers. Establish whether a number up to 100 is prime and recall prime numbers up to 19.
	10. Multiply numbers up to 4 digits by a 1- or 2-digit number using a formal written method. Divide numbers up to 4 digits by a 1-digit number using the formal written method of short division.
	11. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
	12. Recognise and use square numbers and cube numbers, and the notation for squared and cubed.

English:

Literacy and Guided Reading around the novel, The Explorer – by Katharine Riddell, and Holes by Louis Sachar

Weekly 'Free Write'

Discussion text on an environmental theme;

Poetry- creating vivid images and feelings

Descriptive skills for narrative writing

Information texts – explaining ideas in clear sentences / organising information effectively

Grammar:

- Ensure word classes – noun, verb, adjective, adverb and pronoun are understood and used;
- Identify sentence, main and subordinate clauses;
- Create good fronted adverbials and expanded noun phrases in own writing;
- Correct use of apostrophe, brackets, commas to separate clauses as well as for lists and in dialogue punctuation;

Spelling:

- Words with the letter string ough; words with the suffix '-ible' or 'able'; homophones and near homophones; plurals (adding '-s', '-es' and '-ies')
- Key words for Y5/6

Editing:

- Proof reading own work to check for effectiveness, improving sense, spelling, tense, vocabulary and punctuation

