

Maths Year 5 (area and perimeter will also be covered)

- Numbers to 10,000
- Roman Numerals to 1,000
- Round to nearest 10, 100 and 1,000
- Number to 100,000
- Compare and order numbers to 100,000
- Round numbers within 100,000
- Numbers to a million
- Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s
- Compare and order numbers to one million
- Round numbers to one million
- Negative numbers

- Add whole numbers with more than 4 digits (column method)
- Subtract whole numbers with more than 4 digits (column method)
- Round to estimate and approximate
- Inverse operations (addition and subtraction)
- Multi-step addition and subtraction problems

Maths Year 6 (geometry - position and direction will also be covered)

- Numbers to ten millions
- Compare and order any number
- Round any number
- Negative numbers
- Add and subtract whole numbers
- Multiply up to a 4-digit number by 1-digit
- Short division
- Division using factors
- Long division (1)
- Long division (2)
- Long division (3)
- Long division (4)
- Common factors
- Common multiples
- Primes
- Squares and cubes
- Order of operations
- Mental calculations and estimation
- Reason from known facts

Ideas to Try at Home

Look at packets of food and food labels to see where they originate from—can you work out their food miles?

Listen to other music from the class rock genre e.g Bon Jovi, The Eagles, Queen , Oasis

Watch BBC newsround (or similar) to keep up to date with significant global stories including the topical stories of refugees and migration around the world.

RE

Hinduism
Why do Hindus want to be good?

PSHE

Healthy and harmful relationships
Different types of families

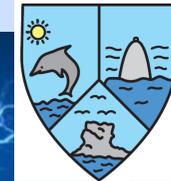
PE

Swimming

Coordination and agility through individual and team games.



**Cherry Class
Autumn 1
2021**



**In Cherry Class our
main topics this term
are**

- *Trade, economics
and migration**
- *Light and electricity**



Please note our curriculum is fluid and responds to the needs and interests of the children. Therefore, we use the following activities as starting points but then might change activities and focus on things that particularly interest the children. We ensure that the key knowledge and skills are covered but do not limit ourselves to these.

Grammar

This is taught as stand alone sessions but also embedded in all written work.

- Sentences and clauses
- Simple, compound complex sentences including focus on conjunctions and relative clauses
- the verb to be
- subject and object
- tenses perfect, simple, progressive.
- Punctuation including parenthesis.
- Colon, semi-colon. Commas to avoid ambiguity
- Noun phrases and expanded noun phrases

Geography

- Name and find on map of the world the 5 oceans and 7 continents and name and locate some countries involved in trading with the U.K.
- Use an atlas index and 6 figure grid references.
- Explore how Britain's economy is based on trade involving importing and exporting products and services.
- Case study of trade between Britain and El Salvador.
- How fair trade improves the lives of workers at the production stage.

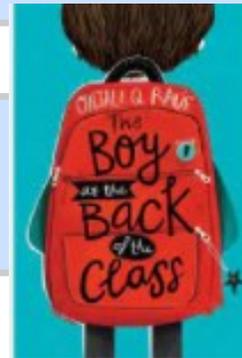
English.

- Assessment piece—"Hopes for the coming year..."
- Recount from viewpoint of book character.
- Persuasive letter based on refugee story.
- Autumn poetry
- Narrative writing—story of a refugee.
- Non chronological report about Buckingham Palace.
- Newspaper report based on an event in the class novel.
- Comprehension and vocabulary skills will be taught explicitly through class novel and through stand alone comprehension sessions.

Key Learning and Activities

Class Novel

The Boy At The Back Of The Class
by Onjali Q. Rauf



Music

Investigating the classic rock genre through "Living on a Prayer" by Bon Jovi.

Art/DT

- Study of the drawing of refugee children "Kids Hope" by Artif Akari.
- Practise techniques of drawing with particular reference to shading, composition, scale and perspective.
- Pencil self portrait from a photo—drawn on map of a place that is important to them .



Science—Light

- Natural and artificial light sources
- Experiments to show how light travels
- How do we see objects?
- Experiment—how can we make light travel around corners?
- Formation of shadows.
- Experiment—how can we change and measure the size of shadows?

