



St Barnabas

Church of England Primary Academy

A member of **CTDARI**

**'That they shall have life, life in
all its fullness!'** John 10:10
**'Achieving great things through
learning and growing together in a
love-filled Christian family'**

Year 5 Spring 2 Curriculum Overview

English

Key Vocabulary: internal monologue, theme, prefixes, pronouns, complex sentences

Key Learning:

Unit 1: Novel as a Theme

- A range of writing outcomes linked to the novel, e.g. diary, letter, internal monologue, summary, prediction.
- An action scene about an invention.
- A short story or chapter for a novel about an invention.

Key learning: Reading: Unit 1

- Create complex sentences by using relative clauses with pronouns who, and where e.g. Sam, who had remembered his wellies, was first to jump in the river. The house, where the robberies had taken place, stood on the hill.
- Use knowledge of root words to understand meanings of words.
- Apply knowledge of prefixes to understand the meaning of new words.
- Regularly listen to whole novels read aloud by the teacher from an increasing range of authors.
- Explore themes within and across texts e.g. loss, heroism, friendship.
- Making comparisons within a text e.g. characters' viewpoints of same events.

Key learning: Writing: Unit 1

- Plan their writing by using similar writing models.
- Thinking about how authors develop characters and settings (in books, films and performances).

- Blend action, dialogue and description within and across paragraphs.
- Suggest changes to grammar, vocabulary and punctuation to enhance effects and clarify meaning.
- Ensure consistent and correct use of tense throughout a piece of writing.
- Ensure consistent subject and verb agreement.
- Proofread for spelling and punctuation errors.

Key Vocabulary ; evaluate, subordinating conjunctions,

Key Learning:

Unit 2: Explanation text (links with Geography)

- How do you survive an earthquake?
- How does an earthquake erupt?
- How does a volcano erupt?

Key learning: Reading:

- Respond appropriately to the contributions of others in light of differing viewpoints
- Identify how talk varies with age, familiarity, gender and purpose
- Explain how ideas are developed in non-fiction texts
- Use knowledge of different organisational features of texts to find information effectively
- Read extensively favourite authors or genres and experiment with other types of text
- Interrogate texts to deepen and clarify understanding and response
- Listen to, read and discuss a range of explanation texts.
- Orally retell an explanation.
- Analyse and evaluate texts looking at language, structure and presentation.
- Analyse and evaluate how specific information is organised within an explanation text.

Key learning; Writing:Unit 2

- Explore, identify and create complex sentences using a range of conjunctions e.g. subordinating conjunctions to show time - when, later, after, after that, before, meanwhile, first of all, following this, eventually, next (recap and extend from Y4 Key Learning).
- Explore, identify and create complex sentences using a range of conjunctions e.g. subordinating conjunctions to show

cause and effect – because, if, therefore, as a result, this causes, which causes, consequently.

- Use commas to mark clauses in complex sentences.
- Discuss and record ideas for planning e.g. text map, non-fiction bridge, boxing-up text types to create a plan.
- Use paragraphs to organise writing in non-fiction text.
- Link ideas across paragraphs.
- Generate and select from vocabulary banks e.g. subordinating conjunctions to show time; subordinating conjunctions to show cause and effect; technical language

Maths

[Key Vocabulary ; area model, representation, remainders](#)

Key Learning: Multiplication and division B

- Multiply up to a 4-digit number by a 1-digit number
- Multiply a 2-digit number by a 2-digit number (area model)
- Multiply a 2-digit number by a 2-digit number
- Multiply a 3-digit number by a 2-digit number
- Multiply a 4-digit number by a 2-digit number
- Solve problems with multiplication
- Short division
- Divide a 4-digit number by a 1-digit number
- Divide with remainders
- Step 10 Efficient division
- Step 11 Solve problems with multiplication and division

[Key Vocabulary ; integer, operators, quantity, convert](#)

Key Learning: Fraction B

- Multiply a unit fraction by an integer

- Step 2 Multiply a non-unit fraction by an integer
- Step 3 Multiply a mixed number by an integer
- Step 4 Calculate a fraction of a quantity
- Step 5 Fraction of an amount
- Step 6 Find the whole
- Step 7 Use fractions as operators

Key Vocabulary :

Key Learning; Decimals and Percentages

- Decimals up to 2 decimal places
- Equivalent fractions and decimals (tenths)
- Equivalent fractions and decimals (hundredths)
- Equivalent fractions and decimals
- Thousandths as fractions
- Thousandths as decimals
- Thousandths on a place value chart
- Order and compare decimals (same number of decimal places)

Religious Education (RE)

Key Vocabulary :Victory, triumph, resurrection, sacrifice, salvation and redeemer.

Key Learning; Easter- Victory

Why do Christians believe that Easter is a celebration of victory?

Key Questions

- Why do Christians believe that Easter is a celebration of victory?

- In what ways is Christ's death and resurrection a victory?
- What is Jesus victorious over and why?
- How does his victory affect the lives of Christians today?
- How do the events and services that take place in churches during Holy Week and Easter reflect Christian belief that Jesus' death and resurrection was a victory?
- What did Jesus do to save human beings

Science

Key Vocabulary : Gravity,air resistance,water resistance,friction, surface, force, effect, accelerate,decelerate, mechanism, pulley, gear.

Key Learning: Forces- friction and air resistance and mechanism

- Explore gravity and the life and work of Isaac Newton
- Examine the connection between air resistance and parachutes
- Explore factors which affect an object's ability to resist water
- Investigate the effects of friction on different surfaces
- Investigate mechanisms – levers and pulleys
- Investigate mechanisms – gears

Geography

Key Vocabulary: boundaries, erupted, crater, ash cloud, volcanic bombs

- Find out about the structure of the Earth and label a diagram.
- Describe what happens at the boundaries between the Earth's plates.
- Describe and explain the key features of a volcano.
- Locate a range of famous volcanoes and find out
- some key facts, including when the volcanoes last Erupted.
- Evaluate the advantages and disadvantages of living near a volcano.

Design and Technology

Key Vocabulary : circuit, negative, positive, friction,propellers.

Key Learning: This term, we have invited a parent engineer to deliver a workshop.

Pupil will make air powered products which will involve practical and hands-on activities to engage and inspire pupils.

- Floating ball
- Air Boat
- Air conditioning Unit
- Moving vehicle
- Windmill

Physical Education (PE)

[Key Vocabulary :sequence, balance, counter tension, canon](#)

Key Learning:

Unit 1: Gymnastic Activities 2

- To adapt a gymnastic sequence using apparatus and perform it with a partner.
- To create a gymnastic sequence with counter balances and counter tension with a partner using canon.
- To create a gymnastic sequence with counter balances and counter tension with a partner in canon using apparatus.
- To create a gymnastic sequence with counter balances and counter tension with a partner in canon and unison using apparatus
- To create a gymnastic sequence with counter balances and counter tension with a partner in canon and unison using apparatus.

[Key Vocabulary: navigate, compass, route, control](#)

Unit 2: Orienteering

- Can demonstrate how to keep a map set when moving.
- Can demonstrate how to "set or "orientate" a map when moving around a simple course.
- Can plan an efficient route around a simple course.
- Can demonstrate how to get around a simple course using the 8 points of a compass.
- Can plan a route to a control.
- Can find the correct control marker using a map.
- Can find the correct control marker using a map during a score event.
- Can plan a route on which control markers to visit and how to get there.
- Can record answers accurately.
- Can navigate to a control marker during a score event.
- Can make decisions about which control markers to visit in the time allowed.

Personal, Social and Health Education (PSHE)

Key Vocabulary : vaping, risk taking, substances, thinking, aspirations

Key Learning: Health and Well-being

- Vaping; healthy or unhealthy?
- Would you risk it?
- 'Thinking' about habits
- Drugs: true or false
- Smoking: what is normal?

Computing

Key Vocabulary : Flip book, Hand Drawn, Squash and Stretch, Motion Pathways, Composite, Two Dimensional, Vector art.

Key Learning: iCreate

- Pupils will learn to refine the skills learnt in i2D. This course includes more detailed hand-drawn animation and teaches the pupils to create more rounded pieces including backgrounds and movement pathways.

Music

Key Vocabulary : Percussion, Kick, Snare, Hi Hat, Crotchet, Quaver, Rest, Pedal, Standard Time, Half, Time, Genre, Off Beat.

Key Learning: Electric Drums

- Over this course the pupils will be able to play steady drum beats using three different sections of a drum kit, either as soloist, pairs or an ensemble. They will be able to compose their own musical parts by utilising different drums and cymbals across their drum kit, as well as sight read rhythms composed by other groups

Bolton Music Service:

Extra Music Activities: Clarinets

This is a 33 week programme, including a Performance Week at the end of each term. The Music Specialist will work to deliver these sessions. The children will learn how to play the clarinet.

French

Key Vocabulary: les haricots verts, la pomme, le croissant, la crêpe, la crème brûlée, le bœuf, bourguignon, la baguette, la salade aux fruits, la tarte tatin, la tarte aux framboises, les petits pois, la tarte aux noix, la glace, le poulet rôti, la chou-fleur, le brioche, le petit four, la bouillabaisse

Key Learning: Food and Eating Out

- Pupils will learn the vocabulary for a wide range of foods as well as revising ones they already know. Pupils will also further their knowledge of how to order food and drinks in the context of a café or restaurant by role playing and learning phrases such as asking for the bill, complaining or complimenting the food. They will also be able to talk about what food is healthy and why it is healthy.

Cultural Capital

- Author visit on world book day

- Theatre company production of Scrooge
- Parent Engineer Visit
- Rotary Club Members
- Orienteering- External
- Gymnastics- External
- RE - Easter artwork in the Rose Garden.
- Geography- Turkey and Syria Earthquake. Looking at current news articles and information about the Earthquake. What can St Barnabas do to help? - Donating food and clothes.

Reminders and Homework

Homework in Year 5 will consist of reading at least three times per week at home, practising times tables on TT Rockstars and learning spellings. Please can all parents/carers ensure that the school reading records are signed, dated and page numbers added, so that when following up in class, we know where the children are up to. If your child hasn't had time to read at home we will allocate a time for them to read in school. We aim to check records 2-3 times a week to ensure consistency.

Home reading books will be changed on Monday, but please note that the children can request to change their book if they have finished the one they currently have.

Spellings will continue to be given out on a Monday (displayed on dojo every week). These can be revised at home, alongside the input in class that we do every day to ensure understanding of spelling patterns etc. Spelling quiz will be on Friday.

Our PE days for this half term will be on Tuesday and Friday.

All children should come to school in full P.E Kit on these days. Children should be wearing their normal house coloured P.E T-Shirt with black joggers or black/navy shorts. They can wear their school jumper, hoodie or cardigan over the top of their t-shirts too. Hair which is past shoulder length must always be tied up and jewellery is not to be worn in school.

This term, your child will continue bringing home their clarinet to practise at home every Friday (providing consent has been given). However, the clarinet has to be back in school for their next music lesson with Mr Gardiner so, please remind your child to bring it into school on Thursday or on the day.

Thank you