

Science: Forces (Rising Stars):

- To describe the life and work of Sir Isaac Newton
- To explore gravity and air resistance
- To understand water resistance and friction
- To investigate mechanisms-levers and pulleys
- To investigate mechanisms- gears
- To predict if an object will float or sink

Liturgical Calendar:

Ordinary Time

(Green Cloths)

Advent

(Purple Cloths)

Year 5: Autumn 2

Topic: Changes in our Local Environment (7 weeks)

Computing: Online Safety (Kapow)

- To Stay safe online.
- To plan a storyboard for our stop motion online safety animation and to learn the main features of the stop motion software.
- To use stop motion software to create an animation.
- To edit our animations.
- To evaluate a stop motion animation.

Spanish:¿Que fecha es hoy? (Language Angels)

- To pronounce the months of the year correctly
- To match the Spanish months with the English words
- To know how to say the date in Spanish
- To answer the question '¿Cuándo es tu cumpleaños?'
- To understand the date in written Spanish
- To write information about our families and their birthdays

RE: God's Covenants (The Way the Truth and the Life)

- To understand the meaning of covenant. Reflect on God's covenant with Noah.
- To know about the covenant God made with Abraham. Reflect on Abraham's trust in God.
- To understand that God guides and challenges His people. Be aware of our need to grow in faith and trust in God.
- To know that God made a covenant with Moses and the Israelites. Be aware that this covenant is also made with us.
- To know that God sends prophets to remind His People of His Covenant. Reflect on the message of the prophets for us.
- To know that God makes a New Covenant with us. Reflect on our part in the New Covenant.

Music: Trumpets (Love Music Trust)

- Learn to play an instrument and play in an ensemble.
- Explore and develop their knowledge of musical concepts. (musical elements)
- Learn how to improvise and compose.
- Learn to appraise their own work and that of others.
- Learn and develop a basic knowledge of their chosen instrument and that of others.
- Produce a quality sound.
- Develop their range and rhythmic ability on their instrument.
- Develop their singing voices through singing varied songs/styles.
- Use technology to aid their musical development (where available/applicable).
- Learn to recognize different styles of music and their era.
- Learn how to prepare for and participate in performances.
- Learn how to make their own musical decisions either in class or at home.

DT Electrical Systems: Electronic Greetings Cards (Kapow)

- To understand that circuits are made up of different electronic components.
- To name electronic components and using graphite as a conductor within a working circuit.
- To design an electronic card with a working circuit, labelling the LEDs with positive and negative legs.
- To create a greetings card, following a design and mapping out where different components of the circuit will go.
- To make a circuit and integrate it into a greeting card

English

Class novel: The Lost Words

Writing

Poetry from The Lost Words (2 weeks):

perform their own compositions, using appropriate notation, volume and movement so that meaning is clear using modal verbs to indicate degrees of possibility.

Persuasive/argument based on The Lost Words (3 weeks):

selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning use relative clauses beginning with who, which, where, when, whose and that

use devices to build cohesion within a paragraph

Retell narrative based on Ruin (2 weeks):

in narratives, use dialogue to sometimes convey character and advance the action

consider how the authors have developed character and settings from what they read

precising longer passages

Punctuation and Grammar

Using relative clauses beginning with who, which, where, when, whose and that, using modal verbs to indicate the degrees of possibility, using adverbs to indicate degrees of possibility.

Whole Class Reading

One session per week based upon the class novel and three extract lessons using VIPERS (Vocabulary, Infer, Predict, Explain, Recall, Summarise) which cover the content domains for KS2 reading. Within all 4 of these lessons, time is given to modelling and practice of intonation, tone and volume.

Extract Lessons:

Forces: William Kamkwamba, How Parachutes Work, How do Solar Panels Work?

Songs: Where is the Love by the Black Eyed Peas, Cat's in the Cradle by Harry Chapin, Piece by Piece by Kelly Clarkson

Spelling

words ending in '-ance'; use -ent and -ence after soft c (/s/), soft g (/j/) and qu; words ending in words ending in '-able' and '-ible'; words ending in '-ably' and '-ibly'; challenge words. words ending in '-able'; adverbs of time

Maths (WRM)

Statistics:

Read and interpret tables

Two-way tables

Timetables

Multiplication and Division:

Multiples

Factors

Common factors

Prime numbers

Square numbers

Cube numbers

Multiply by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Multiples of 10, 100 and 1,000

Perimeter and Area:

Measure perimeter

Calculate perimeter

Area of rectangles

Area of compound shapes.

Area of irregular shapes.

Consolidation

PE

Sport: Dance (Flamenco)

- To identify and practice the patterns and actions of Flamenco dance style.
- To demonstrate an awareness of the music's rhythm and phrasing when improvising.
- To create and perform an individual dance that reflects the Flamenco dance style.
- To create partnered dances that reflect the Flamenco dancing style and apply the key components of dance.
- To create group dances that reflect the Flamenco dance style.
- To perform a Flamenco dance using a range of movement patterns.
- To perform and evaluate own and others' work.

Fitness: Mighty movers (Boxercise)

- To perform a boxercise routine demonstrating good technique.
- To understand the principles of dynamic stretching.
- To improve fitness by raising the heart rate and strengthening the legs and arms.
- To create and apply compositional ideas to the sequence.
- To perform actions and moves fluently to music in order to improve personal fitness.
- To learn how boxercise moves can be adapted and used in a different format.

RHSE: Life Cycles (Ten Ten)

Menstruation

- To know about the nature and role of menstruation in the fertility cycle, and that fertility is involved in the start of life.
- To have some practical help on how to manage the onset of menstruation.

Geography: Changes in our Local Environment

- To name and locate some key topographical features of the UK and in our region.
- To understand that local people will have differing opinions about change in their region, and to explain some ways in which development can be sustainable.
- To understand that regions change over time and that change is continual
- To understand that change is happening in the local area, and that changes will continue to happen

Texts and Experiences:

Texts:

Lost Words



Cultural capital:

Walk over by pass to field to see houses being built.

Mass Advent