

Year group: 5

Term: Spring 2

**Topic: Asia: Mountains,
Volcanoes and Earthquakes**



Literacy

Book Talk

Book: The Firework Maker's Daughter

Author: Phillip Pullman

Pupils will learn to:

- Read aloud and understand the meaning of new words that he/she meets linked to the expectations of year 5 spelling.
- Maintain positive attitudes to reading and understanding of what he/she reads by increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions.
- Maintain positive attitudes to reading and understanding of what he/she reads by recommending books that he/she has read to his/her peers, giving reasons for their choices.
- Understand what he/she reads by checking that the book makes sense to him/her, discussing his/her understanding and exploring the meaning of words in context.
- Retrieve, record and present information from non-fiction.

Writing Genres

Journey 1: Cinquain Poetry

Journey 2: Mystery Narrative

Creative Writing 1: Horror Narrative

Creative Writing 2: World Book Day - narrative

Assessed Writing: Mystery narrative

Pupils will learn to:

- Plan his/her writing by identifying the audience for and purpose of the writing, using other similar writing as models for his/her own.
- Draft and write narratives, describing settings, characters and atmosphere and integrating dialogue to convey character.
- Draft and write by using further organisational and presentational devices to structure text and to guide the reader.
- Evaluate and edit by ensuring consistent and correct use of tense throughout a piece of writing.
- Proof read for punctuation errors, including use of brackets, dashes or commas to indicate parenthesis; use of commas to clarify meaning or avoid ambiguity.
- Convert nouns or adjectives into verbs using suffixes.
- Indicate degrees of possibility using adverbs.
- Use commas to clarify meaning or avoid ambiguity.

Poetry- Cinquain

Pupils will learn to:

Immerse

- To become familiar with a wide range of poems, especially Cinquain poetry

Analyse

- To identify features and skills of Cinquain poems

Skills

- To use similies within a Cinquain poem
- To use metaphors within a Cinquain poem
- To use –ing spelling rule

Plan

- Plan his/her writing by identifying the audience for and purpose of the writing, using other similar writing as models for his/her own.

Write

- Write a Cinquain poem using simile and metaphor.

Review

- Edit using a thesaurus to improve vocabulary.
- Evaluate and edit by ensuring consistent and correct use of tense throughout a piece of writing.

Proof read for punctuation errors.

Mystery Narrative

Immerse

- To use a Descriptosaurus/ thesuarus to generate vocabulary banks linked to a mystery setting.
- To create an effective setting description.

Analyse

- To use a given text, identifying layout features and technical vocabulary.

Skills

- To use brackets for parenthesis.
- To use adverbs.
- To use the spelling rule- -ei after c.

Plan

- To plan his/her writing by identifying the audience for and purpose of the writing, using other similar writing as models for his/her own.

Write

- To draft and write the opening and build-up of a mystery narrative using brackets for parenthesis.
- To draft and write the problem and resolution of a mystery narrative using adverbs.
- To draft and write the ending of a mystery narrative using the spelling rule –ei after c
- To draft and write by using further organisational and presentational devices to structure text and to guide the reader.

Review

- To evaluate and edit by ensuring consistent and correct use of tense throughout a piece of writing.
- To proof read for punctuation errors.

Maths

Fractions and Percentages

Pupils will learn:

- To add and subtract fractions with the same denominator.
- To add and subtract fractions with denominators that are multiples of the same number.
- To add and subtract fractions, including improper fractions.
- To multiply a fraction by a whole number.
- To multiply a mixed number by a whole number.
- To understand fractions of quantities.
- To solve problems involving fractions of a quantity.
- To relate percentage to 'number of parts per hundred'.
- To relate percentages, decimals and fractions.
- To use percentage to describe proportions of a set of any size.
- To identify percentage of amounts.
- To use percentage to compare.

Transformation

Pupils will learn:

- To translate shapes and identify congruency.
- To describe positions on a 2-D grid as coordinates.
- To use coordinates in all four quadrants to describe translation.
- To use coordinates in all four quadrants to describe translation of polygons.
- To identify, describe and represent position on a grid following reflection.
- To identify, describe and represent position using coordinates following reflection.
- To reflect shapes across the x- or y-axis.
- To explore reflections and translations.

Science

Materials: Properties and changes

Pupils will know and understand: *Lessons taught throughout Spring 1 & 2

- What properties materials have.
- What a conductor is.
- How materials respond to magnets.
- Which materials are soluble.
- What factors affect dissolving.
- How we separate a mixture using filtration.
- How we separate a mixture using sieving.

	<ul style="list-style-type: none"> • Which separation methods are most appropriate. • What reversible and irreversible changes are. • Which changes are reversible or irreversible. <p>Pupils will learn:</p> <ul style="list-style-type: none"> • To compare and group together everyday materials on the basis of their properties. • To know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from that solution. • To use knowledge of solids, liquids and gases to decide how mixtures might be separated and should be taught to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials. • To demonstrate that dissolving, mixing and changes of state are reversible changes, explain that some changes result in the formation of new materials, and that this kind of change is usually irreversible. • To understand the changes associated with burning and the action of acid on bicarbonate of soda.
<p>Geography</p>	<p>Asia: Mountains, volcanoes and earthquakes</p> <p>Pupils will know and understand: *Lessons taught throughout Spring 1 & 2</p> <ul style="list-style-type: none"> • What the key physical features of Asia are. • What the key human features of Asia are. • What Asia's natural borders are. • What are tectonic plates. • How mountains are formed. • How are volcanoes formed • What happens when a volcano erupts. • What an earthquake is. • What happens when an earthquake strikes. • What the secondary consequences of a volcanic eruption or an earthquake are. <p>Pupils will learn</p> <ul style="list-style-type: none"> • To locate the world's countries, using maps to focus on different continents, concentrating on the environmental regions, key physical and human characteristics, countries, and major cities. • To understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region within different continents. • To describe and understand key aspects of mountains, volcanoes and earthquakes.
<p>History</p>	
<p>Art</p>	<p>Card Craft</p> <p>Weaving- Mother's Day</p> <p>Pupils will learn to:</p> <ul style="list-style-type: none"> • Use mixed fabrics to weave a background on a frame and add an appliqué flower. <p>Handmade paper- Easter</p>

	<p>Pupils will learn to:</p> <ul style="list-style-type: none"> • Make paper using additives and use to create 3D flowers that can be added to an Easter scene.
<p>Design Technology</p>	<p><u>Digital World</u> <u>Monitoring Devices</u> Pupils will know and understand how to:</p> <p><u>Design</u></p> <ul style="list-style-type: none"> • Research (books, internet) for a particular (user's) animal's needs. • Develop design criteria based on research. • Generate multiple housing ideas using building bricks. • Understand what a virtual model is and the pros and cons of traditional and CAD modelling. • Place and manoeuvre 3D objects, using CAD. • Change the properties of, or combining one or more 3D objects, using CAD. <p><u>Make</u></p> <ul style="list-style-type: none"> • Understand the functional and aesthetic properties of plastics. • Program to monitor the ambient temperature and coding an (audible or visual) alert when the temperature rises above or falls below a specified range. <p><u>Evaluate</u></p> <ul style="list-style-type: none"> • State an event or fact from the last 100 years of plastic history. • Explain how plastic is affecting planet Earth and suggesting ways to make more sustainable choices. • Explain key functions in my program (audible alert, visuals). • Explain how my product would be useful for an animal carer including programmed features. <p><u>Knowledge</u></p> <ul style="list-style-type: none"> • To know that a 'device' means equipment created for a certain purpose or job and that monitoring devices observe and record. • To know that a sensor is a tool or device that is designed to monitor, detect and respond to changes for a purpose. • To understand that conditional statements (and, or, if booleans) in programming are a set of rules which are followed if certain. <p>Pupils will learn to:</p> <ul style="list-style-type: none"> • Carry out research to develop design criteria. • Write a program to monitor the ambient temperature, including an alert. • Generate creative and unique micro:bit case, stand or housing ideas. • Learn about and practise 3D CAD skills.
<p>Computing</p>	<p style="background-color: #cccccc; height: 50px;"></p>
<p>PE</p>	<p><u>Cricket</u> Pupils will know and understand how to:</p> <ul style="list-style-type: none"> • Use deep and close catch, underarm and overarm throw, overarm bowl, long and short barrier and batting. • Show respect, communication and collaboration. • Show honesty and perseverance.

- Use observation, provide feedback, select and apply skills, tactics and assessment when learning.

Pupils will learn:

- To develop throwing and catching under pressure and apply these to a striking and fielding game.
- To develop bowling under pressure whilst abiding by the rules of the game.
- To strike a bowled ball with increasing consistency.
- To develop fielding techniques and select the appropriate action for the situation.
- To understand and apply tactics in a game.
- To apply skills and knowledge to compete in a tournament.

RE

Desert to Garden

*** Pupils will be accessing the new RED curriculum**

Believe

Pupils will know and understand:

- That Ash Wednesday marks the beginning of the season of Lent and is the first of forty days of Lent leading up to Easter.
- A sin is a word, deed, or intention by which a person deliberately chooses to turn away from God.
- Sins separates people from love and from good. All sins are damaging but some are so deadly they break our friendship from God.
- A conscience is an 'inner voice' that guides choices people make and God speaks to people through their conscience.
- The Last Things are death, judgment, heaven, purgatory and hell.
- That prayer is turning the heart towards God.

Celebrate

Pupils will know and understand:

- What the ashes on Ash Wednesday symbolise.
- What a simple examen or act of contrition is.
- What the sorrowful mysteries of the rosary are.

Live

Pupils will know and understand:

- That prayer is a way of sharing with God everything that is in a person's heart, what makes them happy and what is troubling them.
- What Christians express by prayer posture (kneeling, standing, sitting, joined hands).

Understand, Discern, Respond

Pupils will learn:

- To understand what happens at the Ash Wednesday service and what symbols and actions are represented.
- To understand how the Ash Wednesday readings lead us to repent and believe.
- To understand how Jesus was tempted in the desert and how we are tempted in our lives today.
- To understand sin further and how we can use our conscience to live a good life.
- To understand Heaven and why it is the goal for Catholics to be there.
- To understand how Christians act during the time of Lent.

	<ul style="list-style-type: none"> • To understand how praying helps us turn our hearts towards God • To understand the Sorrowful Mysteries of the Rosary. • To understand how the Resurrection of Jesus guides people on the path to Heaven.
French	<p><u>French Speaking World</u> Pupils will learn:</p> <ul style="list-style-type: none"> • To recognise, read and respond to directional language. • To read and give directions in French. • To identify features of countries in the French-speaking world. • To investigate climate data from the French-speaking world using authentic materials. • To ask and answer questions about different countries in the French-speaking world.
Music	<p><u>South and West Africa</u> Pupils will learn and understand:</p> <ul style="list-style-type: none"> • Songs sung in other languages can contain sounds that are unfamiliar to us, like the clicks of the Xhosa language. • 'The Click Song' is a traditional song sung in the Xhosa language and is believed to bring good luck at weddings. • Major chords create a bright, happy sound. • Poly-rhythms means many rhythms played at once. <p>Pupils will learn:</p> <ul style="list-style-type: none"> • To sing a traditional African song unaccompanied. • To use tuned percussion to play a chord progression. • To use vocals or tuned percussion to perform a piece of music as an ensemble. • To play call and response rhythms using percussion instruments. • To create an eight beat break to play within a performance.
RSE	<p><u>Religious Understanding</u> <u>Is God Calling You?</u> Pupils will know and understand:</p> <ul style="list-style-type: none"> • To know that God calls us to love others. • To know ways in which we can participate in God's call to us. <p><u>Personal Relationships</u> <u>Under Pressure</u> Pupils will know and understand:</p> <ul style="list-style-type: none"> • Pressure comes in different forms, and what those different forms are. • There are strategies that they can adopt to resist pressure. <p><u>Do You Want a Piece of Cake?</u> Pupils will know and understand:</p> <ul style="list-style-type: none"> • Understand what consent and bodily autonomy means.

	<ul style="list-style-type: none"> • Discuss and reflect on different scenarios in which it is right to say 'no'. • <p><u>Self- Talk</u></p> <p>Pupils will know and understand:</p> <ul style="list-style-type: none"> • Learn about how thoughts and feelings impact on actions, and develop strategies that will positively impact their actions. • Apply this approach to personal friendships and relationships.
Immersive Events/Visits/Visitors	<ul style="list-style-type: none"> • World Book Day • Stations of the Cross Assembly