

Year group: 5

Term: Spring 1

Topic: Asia: Mountains, Volcanoes and Earthquakes



Literacy

Book Talk

Book: Asha and the Spirit Bird

Author: Jasbinder Bilan

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: Adventure Narrative

Journey 2: Explanation text

Creative Writing 1: Science fiction narrative

Creative Writing 2: Instructions

Assessed Writing: Adventure 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.

Adventure Narrative

Pupils will learn to:

Immerse

- Use creative mapping to build a story setting exploring vocabulary that fits the purpose of their writing.
- Create a setting description with a variety of expanded noun phrases using the addition of prepositional phrases.

Analyse

- Find the differences and similarities between two texts to identify effective writing- Text A/Text B

Skills

- Write using relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun
- Include dialogue to advance the action
- Incorporate the spelling rule- silent letter words in their writing

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 the opening of an adventure narrative using dialogue to advance the action.
- Write build-up of an adventure narrative using relative clauses with a relative pronoun
- Write the problem of an adventure narrative using the spelling rule- silent letter words.
- Write the resolution and ending of an adventure narrative using expanded noun phrase with the addition of prepositional phrases.

Review

- Evaluate and edit by ensuring consistent and correct use of tense throughout a piece of writing.
- Proof read for punctuation errors.

Explanation text

Pupils will learn to:

Immerse

- Become familiar with a wide range of explanation texts about mountains, volcanoes and earthquakes
- Research facts about mountains, volcanoes and earthquakes

Analyse

- Using a given text, identify layout features and technical vocabulary.

Skills

- Use and spell –ous words linked to the genre
- To use expanded noun phrases to describe and specify
- To use subordinating conjunctions

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 an explanation text about mountains, volcanoes and earthquakes

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.

Maths

Fraction and Decimals

Pupils will learn:

- To recognise different interpretations of fractions
- To represent fractions
- To identify, name and write equivalent fractions
- To identify equivalent tenths and hundredths
- To compare and order fractions
- To read and write fractions as decimals
- To relate thousandths to tenths and hundredths
- To compare and order fractions and decimals
- To recognise mixed numbers and improper fractions
- To read, write and order numbers with up to three decimal places
- To round decimals
- To solve problems involving fractions and division

Angles

Pupils will learn:

- To classify, compare and order angles
- To measure angles using a protractor
- To draw angles using a protractor
- To measure and draw reflex angles
- To know that angles at a point are equal to 360°
- To identify angles at a point on a straight line total 180°
- To investigate angles at a point within shapes
- To investigate angles within shapes

Science

Everyday materials

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.

	<ul style="list-style-type: none"> • How we separate a mixture using filtration. • How we separate a mixture using sieving. • 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.
Geography	<p><u>Asia: Mountains, volcanoes and earthquakes</u></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.
History	
Art	<p><u>Interactive Installation</u></p> <p>Pupils will know and understand how to:</p>

	<p>Generating ideas:</p> <ul style="list-style-type: none"> • Develop ideas more independently from their own research. • Explore and record their plans, ideas and evaluations to develop their ideas towards an outcome. <p>Using sketchbooks:</p> <ul style="list-style-type: none"> • Confidently use sketchbooks for purposes including recording observations and research, testing materials and working towards an outcome more independently. <p>Making skills:</p> <ul style="list-style-type: none"> • Work with a range of media with control in different ways to achieve different effects, including experimenting with the techniques used by other artists. <p>Knowledge of artists:</p> <ul style="list-style-type: none"> • Research and discuss the ideas and approaches of artists across a variety of disciplines, being able to describe how the cultural and historical context may have influenced their creative work. • Discuss how artists create work with the intent to create an impact on the viewer. • Consider what choices can be made in their own work to impact their viewer. <p>Evaluating and analysing:</p> <ul style="list-style-type: none"> • Discuss the processes used by themselves and by other artists, and describe the particular outcome achieved. • Consider how effectively pieces of art express emotion and encourage the viewer to question their own ideas. <p>Pupils will learn:</p> <ul style="list-style-type: none"> • To identify and compare features of art installations. • To investigate the effect of space and scale when creating 3D art. • To problem -solve when constructing 3D artworks. • To plan an installation that communicates an idea. • To apply their knowledge of installation art and develop ideas into a finished piece.
Design Technology	
Computing	<p>iSafety</p> <p>Pupils will learn and understand how to:</p> <ul style="list-style-type: none"> • Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. • Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact <p>Pupils will learn:</p> <ul style="list-style-type: none"> • To understand the risks and benefits of various modes of communication.

- To understand the concept of personal and private information.
- To learn the SMART rules for being online.
- To explore the validity of online content.
- To understand how to chat sensibly and safely.
- To understand what to do if confronted with cyber bullying.

iWeb

Pupils will know and understand how to:

- Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Pupils will learn:

- To understand that the world wide web is one of the services offered on the internet.
- To understand that many people remix content to work on the world wide web.
- To know that HTML gives a web page structure.
- To read basic HTML code.

To use research for the creation of a website.

PE

Fitness

Pupils will know and understand how to:

- Use agility, balance, coordination speed strength and stamina.
- Show support and encourage others through collaboration.
- Show perseverance and determination
- Use observation, analysis and comprehension when learning.

Pupils will learn:

- To develop an awareness of what your body is able to do.
- To develop speed and stamina.
- To develop strength using my own body weight.
- To develop co-ordination.
- To develop agility.
- To develop balancing with control.
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RE

Galilee to Jerusalem

Believe

Pupils will know and understand:

- The Beatitudes show the loving face of Christ.
- The Beatitudes describe how faithful Christians should aim to live their lives.
- Christian hope and charity unfold from the Beatitudes as they show the path to a life in Christ.
- The Our Father is the perfect prayer given to us by Jesus himself. It is composed of seven petitions.
- At the Transfiguration Jesus revealed his divine glory.

Celebrate

Pupils will know and understand:

- A petition is a form of prayer.
- The Our Father is the perfect prayer given to us by Jesus.
- The theological virtues help Christians follow Jesus' great commandment.

Live

Pupils will know and understand:

- That the virtues of faith, hope and love help Christians to live out the Beatitudes.
- Examples of some artists who have imagined the Transfiguration.

Understand, Discern, Respond

Pupils will learn:

- To understand the Beatitudes from the Sermon on the Mount.
- To compare Matthew and Luke's description of the Law.
- To understand living out Jesus' Law through the parable of the Good Samaritan.
- To understand Jesus' teachings to our lives today.
- To understand what the disciples saw at the Transfiguration.
- To understand how the Disciples felt during the Transfiguration.
- To explore the meaning of the Transfiguration through art.
- To understand that the Our Father Prayer is a form of petition.
- To reflect on the Our Father Prayer and how it invites us to call God 'Father'.
- To understand why God wants us to live in the virtues of faith, hope and love.
- To reflect on living in the virtues of faith, hope and love .

French

Shopping in France

Pupils will learn:

- To build numbers and prices confidently in French.
- To name different foods in French and notice patterns in sounds.
- To be able to join in with and perform a short, repetitive story using voice and actions to communicate to an audience.

	<ul style="list-style-type: none"> • To be able to use vocabulary to describe a quantity of different food nouns. • To be able to explore and understand an authentic French text.
<p>Music</p>	<p>Blues</p> <p>Pupils will learn and understand:</p> <ul style="list-style-type: none"> • A chord is the layering of several pitches played at the same time. • 12-bar Blues is a sequence of 12 bars of music, made up of three different chords. • 'Blues' music aims to share feelings and blues songs tend to be about sadness or worry. • A 'bent note' is a note that varies in its pitch, e.g. the pitch may slide up or down. • A chord is the layering of several pitches played at the same time. <p>Pupils will learn:</p> <ul style="list-style-type: none"> • To know the key features of Blues music. • To play the first line of the 12-bar Blues. • To be able to play the 12-bar Blues. • To be able to play the Blues scale. • To be able to improvise with notes from the Blues scale.
<p>RSE</p>	<p>Emotional Wellbeing</p> <p>Body Image</p> <p>Pupils will know and understand:</p> <ul style="list-style-type: none"> • To recognise that images in the media do not always reflect reality and can affect how people feel about themselves. • That thankfulness builds resilience against feelings of envy, inadequacy, etc. and against pressure from peers or media. <p>Peculiar Feelings</p> <p>Pupils will know and understand:</p> <ul style="list-style-type: none"> • To deepen their understanding of the range and intensity of their feelings; that 'feelings' are not good guides for action. • That some behaviour is wrong, unacceptable, unhealthy or risky. <p>Emotional Changes</p> <p>Pupils will know and understand:</p> <ul style="list-style-type: none"> • Emotions change as they grow up (including hormonal effects). • To deepen their understanding of the range and intensity of their feelings; that 'feelings' are not good guides for action. • About emotional well-being: that beauty, art, etc. can lift the spirit; and that also openness with trusted parents/carers/teachers when worried ensures healthy well-being. <p>Seeing Stuff Online</p> <p>Pupils will know and understand:</p> <ul style="list-style-type: none"> • The difference between harmful and harmless videos and images. • The impact that harmful videos and images can have on young minds. • Ways to combat and deal with viewing harmful videos and images. <p>Life Cycles</p>

	<p><u>Making Babies (Part One Only*)</u> Pupils will know and understand:</p> <ul style="list-style-type: none"> • How a baby grows and develops in its mother's womb. <p><u>Menstruation</u> Pupils will know and understand:</p> <ul style="list-style-type: none"> • About the nature and role of menstruation in the fertility cycle, and that fertility is involved in the start of life. • Some practical help on how to manage the onset of menstruation.
<p>Immersive Events/Visits/Visitors etc</p>	<ul style="list-style-type: none"> • Class showcase of learning