

Y6 Spring Overview

Writing	Maths
<p>Texts covered: <i>'The Wolves in the Walls'</i>, <i>Alma (LS)</i>, <i>Francis (LS)</i>, Genres covered: Information texts, narrative, diary entry, persuasive text and poetry Cross curricular: Other focuses: To proof-read for spelling and punctuation errors (using a dictionary), to ensure the consistent and correct use of tense throughout a piece of writing and to bring all technical aspects together in final draft pieces.</p>	<p>Ratio & Proportion – add or multiply, use ratio language, ratio symbol, ratio and fractions, scale drawings, scale factors, ratio problems, proportion problems Algebra – function machines, form expression, substitution, formula, 1 & 2 step equations, solving problems with 2 unknowns Decimals – place value within 1, round decimals, add, subtract, multiply & divide decimals Fractions, decimals & percentages – decimal and fraction equivalents, fractions as division, understanding %, fractions as %, equivalent fractions, decimals and %, percentage of amount Area, Perimeter & Volume – area & perimeter, area of triangles, area of a parallelogram, volume of a cuboid Statistics - line graphs, dual bar charts, pie charts, mean</p>
SPAG	
<p>Punctuation - Using Commas in a List, Using Colons and Semi-colons in a List, Writing in Notes, Using Bullet Points for a list Active & Passive - Identifying Verbs in Sentences, Recognising the Passive Verb, Using the Passive Verb Formal & Informal - Recognising Formal and Informal Writing, Subjunctive Form in Formal Speech and Writing, Question Tags in Informal Speech and Writing, Formal and Informal Vocabulary, Using Formal and Informal Vocabulary and Structures Punctuation 2 - Identifying Clauses, Using Semi-colons to Mark Boundaries, Using Colons to Mark Boundaries, Using Dashes to Mark Boundaries, Using Punctuation to Mark Boundaries Hyphens - Recognising Hyphens to Avoid, Using Hyphens to Avoid Ambiguity</p>	
Spelling	
<p>Objectives: - 13. Adding the prefix '-over' 14. Words with the suffix '-ful' 15. Words that can be nouns and verbs 16. Words with an /oa/ sound spelled 'ou' or 'ow' 17. Words with a 'soft c' spelled 'ce' 18. Words with the prefixes 'dis-', 'un-', 'over-' and 'im-' 19. Words with a /f/ sound spelled 'ph' 20. Words with origins in other countries and languages 21. Words with unstressed vowel sounds 22. Words ending with /shuhl/ spelled 'cial' 23. Words ending with /shuhl/ spelled 'tial' 24. Words beginning with 'acc'</p>	
Reading	
<p>Texts covered: <i>'The Wolves in the Walls'</i>, <i>Alma (LS)</i>, <i>Francis (LS)</i>, <i>'My Brother is a Superhero'</i>. Objectives: Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas. Drawing inferences, such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence Making comparisons with and across books Participating in discussions about books, explaining their understanding of what they have read and provide reasoned justification for their views Retrieving, recording and presenting information from non-fiction</p>	

Geography	History
<p>How do volcanoes affect the lives of people on Hiemaey?</p> <p>Locational knowledge The countries (including the location of Russia), major cities and key physical and human geography of Europe. Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones.</p> <p>Place knowledge Understand geographical similarities and differences through the study of human and physical geography of a region in a European country.</p> <p>Human and physical geography Describe and understand key aspects of: Physical geography including climate zones and volcanoes. Human geography including economic activity and trade links, and the distribution of natural resources including energy.</p>	<p>How brave and honest would you have to be to be a knight in Medieval England?</p> <p>What do we know about the code of Chivalry amongst knights? Is there any connection between ‘Ring a ring o’roses’ and the Black Death? How differently did the rich and poor live in Medieval England? How important was religion in the Middle Ages? Can you create a board game based around knights and Medieval England? Have neighbours always fallen out? Reflection: Children to produce a power point presentation on the advantages and disadvantages of being alive in the Medieval period. (New technologies were introduced, and England produced some of the great medieval philosophers and natural scientists)</p>
	<p style="text-align: center;">Music</p> <p>Film music Identify how different styles of music contribute to the feel of a film. Participate in discussions, sharing their views and justifying their answers. Use the terms ‘major’ and ‘minor’. Identify different instruments to describe how music evokes different emotions. Identify pitch, tempo and dynamics, and use these to explain and justify their answers. Give reasonable and thought-out suggestions for what different graphic scores represent. Use their body, voice and instruments to create sounds to represent a given theme. Create a musical score to represent a composition. Interpret their graphic score and performing their composition appropriately with their group. Create sounds that relate to the scene of a film.</p>
Science	RE
<p>Light Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes</p>	<p>Is It Better To Celebrate Religion Through Architecture or Charity? Discuss the meaning of the word ‘sacred’. Learn about different religious buildings (Mosques, Temples, Churches, Synagogues etc) and compare the way that they look. Discuss personal opinions and the views of others. Draw conclusions from research.</p>

Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Electricity

Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches

Use recognised symbols when representing a simple circuit in a diagram.

Art

Theme – Wolves

To create sketch books to record their observations and use them to review and revisit ideas.

To improve their mastery of art and design techniques, including:

- drawing
- painting
- sculpture

Using a range of materials [for example, pencil, charcoal, paint, clay]

To learn about great artists, architects and designers in history

Design Technology

Electrical Systems – Steady Hand Game

Explain simply what is meant by ‘form’ (the shape of a product) and ‘function’ (how a product works).

State what they like or dislike about an existing children’s toy and why.

Learn about skills developed through play and apply this knowledge in a survey of one or more children’s toys.

Identify the components of a steady hand game.

Design a steady hand game of their own according to their design criteria, using four different perspective drawings.

Create a secure base for their game, with neat edges, that relates to their design.

Make and test a functioning circuit and assemble it within a case.

STEM activities – Engineering Fairy tales.

MFL

Habitats

Say and write the key elements that animals and plants need to survive.

Name the 5 most common types of habitats.

Name an animal and a plant that live and grow in each type of habitat.

Computing

Spreadsheets

To use a spreadsheet to investigate the probability of the results of throwing many dice. • To use a spreadsheet to calculate the discount and final prices in a sale. • To use a spreadsheet to plan how to spend pocket money and the effect of saving money. • To use a spreadsheet to plan a school charity day to maximise the money donated to charity.

Blogging

To identify the purpose of writing a blog. • To identify the features of a successful blog. • To plan the theme and content for a blog. • To understand how to write a blog and a blog post. • To consider the effect upon the audience of changing the visual properties of the blog. • To understand how to contribute to an existing blog. • To understand how and why blog posts are approved by the teacher. • To understand the importance of commenting on blogs.

Netball

- I can create and use space to help my team.
- I can pass, receive and shoot the ball with increasing control under pressure.
- I can select the appropriate action for the situation and make this decision quickly.
- I can use marking, and/or interception to improve my defence.
- I can use the rules of the game consistently to play honestly and fairly.
- I can work collaboratively to create tactics with my team and evaluate the effectiveness of these.
- I can work in collaboration with others so that games run smoothly.
- I recognise my own and others strengths and areas for development and can suggest ways to improve.

Cricket

- I can select the appropriate action for the situation.
- I can strike a bowled ball with increasing consistency and accuracy.
- I can use a wider range of fielding skills with increasing control under pressure.
- I can use the rules of the game consistently to play fairly.
- I can work in collaboration with others so that games run smoothly.
- I recognise my own and others strengths and areas for development and can suggest ways to improve.
- I understand and can apply some tactics in the game as a batter, bowler and fielder.

Tag Rugby**Safety and the changing body**

- Understand some of the reasons adults decide to drink or not drink alcohol.
- Understand some ways to check that a news story is real.
- Understand how they should behave online and the impact negativity can have.
- Understand of changes that take place during puberty.
- Understand the menstrual cycle and that a male and a female are needed to conceive a baby.
- Understand that a baby changes in the womb and some of the baby's requirements during the first months of life.
- Recognise when someone is choking; administer first aid to a casualty that is choking; and seek medical help if required for a choking casualty.
- Conduct a primary survey; place a casualty who is unresponsive and breathing normally into the recovery position; and identify when it is necessary for CPR to be given.

Citizenship

- Understand that education is a human right and why education is important.
- Understand some environmental issues relating to food and food production.
- Understand the importance of caring for others and that we all have a responsibility to care for things and people around us.
- Understand what prejudice and discrimination are and why and how they should be challenged.
- Understand the value of diversity in society, including significant individuals.
- Understand the roles and responsibilities of people in government.