



WRITING	MATHS
<p>Texts covered: <i>The Vanishing Trick (LS), Francis (LS),</i></p> <p>Genres covered: biography, narrative, character description, non-chronological report, persuasive text, news report and poetry</p> <p>Cross curricular: Information text on life in Victorian Workhouses, Research piece what life was like for children in our local area</p> <p>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><u>Ratio and Proportion</u> Add or multiply to find ratio language Use ratio language, ratio symbols, ratio and fractions Use ratio to make scale drawings with scale factors Solve ratio and proportion problems</p> <p><u>Algebra</u> Use function machines Form expressions, substitution, formula, Solve 1 and 2 step equations Solve problems with two unknowns</p>
SPAG	
<p><u>Punctuation</u> Using commas, colons and semi-colons in a list, Writing in Notes Using Bullet Points for a list Identifying clauses, using Semi-colons, colons and dashes to mark boundaries,</p> <p><u>Active and Passive</u> Identifying verbs in sentences Recognising and using the passive verb</p> <p><u>Formal and Informal</u> Recognising formal and informal writing Using the subjunctive form in formal speech and writing Using question tags in informal speech and writing Using formal and informal vocabulary and structures</p> <p><u>Hyphens</u> Recognise and use hyphens used avoid ambiguity</p>	<p><u>Fractions, Decimals and Percentages</u> Understand place value within 1, including decimals Round decimals to the nearest whole number, tenth, hundredth Add, subtract, multiply and divide decimals Find decimal and fraction equivalents Recognise fractions as division Understand % as /100, hundredths Write fractions as % Find equivalent fractions, decimals and %, percentage of amounts</p> <p><u>Area, Perimeter and Volume</u> Find and calculate the area and perimeter of triangles and parallelograms Calculate the volume of a cuboid</p> <p><u>Statistics</u> Read, draw and interpret line graphs, dual bar charts, and pie charts Find mean averages</p>



READING	SPELLING
<p>Texts covered: <i>The Vanishing Trick</i>, Range of reading comprehension texts including fiction and non-fiction</p> <ul style="list-style-type: none"> Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas Draw inferences, such as inferring characters' feelings, thoughts and motives from their actions, and justify inferences with evidence Make comparisons with and across books Participate in discussions about books, explaining their understanding of what they have read and providing reasoned justification for their views Retrieve, record and present information from non-fiction 	<ul style="list-style-type: none"> Adding the prefix '-over' Words with the suffix '-ful' Words that can be nouns and verbs Words with an /oa/ sound spelled 'ou' or 'ow' Words with a 'soft c' spelled 'ce' Words with the prefixes 'dis-', 'un-', 'over-' and 'im-' Words with a /f/ sound spelled 'ph' Words with origins in other countries and languages Words with unstressed vowel sounds Words ending with /shuhl/ spelled 'cial' Words ending with /shuhl/ spelled 'tial' Words beginning with 'acc'
SCIENCE	RE
<p>Evolution and Inheritance</p> <ul style="list-style-type: none"> Define and identify variation in organisms and recall that it is caused by inherited and environmental factors Recall that living things produce offspring of the same kind but are not normally identical to their parents Describe patterns of inheritance from parent to offspring in a given example or family tree Describe what an adaptation is; it cannot be chosen and is usually inherited Describe key characteristics that would help an organism to survive and explain how an adaptation helps the organism to survive Explain how variation may affect survival within a population and recall what natural selection means Recall what evolution is, identify differences between a living thing and its ancestor and describe key steps in the evolution of a species Recall different types of evidence that can be used to explain evolution and describe methods that make scientists' results or conclusions more trustworthy 	<p>Why is it better to be there in person?</p> <p>Thinking back to learning about prayer and worship, children find out about religious and non-religious pilgrimages and why going to a particular place is so important to some people. They investigate the challenges and benefits of pilgrimage experiences and whether, in a globally connected world it is better to go on pilgrimage in person or virtually and plan a special trip considering different people's needs.</p>



GEOGRAPHY	HISTORY
<p data-bbox="107 210 495 240">Why does population change?</p> <ul data-bbox="152 288 1093 903" style="list-style-type: none">• Identify the most densely and sparsely populated areas• Describe the increase in global population over time• Begin to describe what might influence the environments people live in• Define birth and death rates, suggesting what may influence them• Define migration, discussing push and pull factors• Explain why some people have no choice but to leave their homes• Describe the causes of climate change, explaining its impact on the global population• Suggest an action they can take to fight climate change• Calculate the length of a route to scale• Follow a selected route on an OS map• Use a variety of data collection methods, including using a Likert scale• Collect information from a member of the public• Create a digital map to plot and compare data collected from two locations• Suggest an idea to improve the environment	<p data-bbox="1133 210 1771 240">What does the census tell us about our local area?</p> <ul data-bbox="1178 288 2119 855" style="list-style-type: none">• Identify the type of information the census gives about people• Use the census to make inferences about people from the past, providing supporting evidence for their statements• Make observations from the census and identify changes between periods of time• Identify the dangers of working in a textile mill• Create questions to identify the thoughts and feelings of a Victorian working child• Identify the key events of Mary's life and interpret her thoughts and feelings• Extract information from the census to recreate the lives of people who lived in a household from the local area• Extract information from the census and decide whether a family was rich or poor• Describe change throughout time



COMPUTING	ART
<p>Spreadsheets</p> <ul style="list-style-type: none"> • Use a spreadsheet to investigate the probability of the results of throwing many dice • use a spreadsheet to calculate the discount and final prices in a sale • Use a spreadsheet to plan how to spend pocket money and the effect of saving money • Use a spreadsheet to plan a school charity day to maximise the money donated to charity. <p>Blogging</p> <ul style="list-style-type: none"> • Identify the purpose of writing a blog • Identify the features of a successful blog • Plan the theme and content for a blog • Understand how to write a blog and a blog post • Consider the effect upon the audience of changing the visual properties of the blog • Understand how to contribute to an existing blog • Understand how and why blog posts are approved by the teacher • Understand the importance of commenting on blogs 	<p>Artist Study</p> <ul style="list-style-type: none"> • Suggest ideas for the meaning behind a picture • Identify different features and use the formal elements to describe it • Be creative and imaginative in finding their own meaning in a painting • Use their own art or personal experiences to justify their ideas • Read a picture well and see beyond the first glance, analysing and evaluating it successfully • Reflect on personal experiences to convey through their own piece of abstract art • Contribute to discussions to either the class, group or talk partner • Understand and choose a meaningful message to convey through imagery, creating some different composition ideas • Select an appropriate artist • Collect a range of information that is presented in an interesting and pleasing way in sketchbooks • Generate an idea for a final piece, demonstrating some inspiration from their chosen artist • Produce a final piece of work, selecting appropriate tools and materials to create an intended effect • Experiment and revisit ideas, drawing on creative experiences • Work in a sustained way to complete a piece, making evaluations
MUSIC	DESIGN TECHNOLOGY
<p>Dynamics, Pitch and Texture (Fingal’s Cave)</p> <ul style="list-style-type: none"> • Engage in discussion about the sounds of an orchestral piece • Have a selection of varied vocabulary in response to what they hear • Change dynamics and pitch, differentiating between the two • Take the role of conductor or follow a conductor • Change texture within their group improvisation and talk about its effect • Create a graphic score to represent sounds • Follow the conductor to show changes in pitch, dynamics and texture 	<p>Electrical Systems – Steady Hand Game</p> <ul style="list-style-type: none"> • 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 • Create a secure base for their game, with neat edges • Make and test a functioning circuit and assemble it within a case



PE	MFL
<p>Football</p> <ul style="list-style-type: none"> • Create and use space to help my team • Pass, receive and shoot the ball with increasing control under pressure • Select the appropriate action for the situation and make this decision quickly • Use marking, and/or interception to improve my defence • Use the rules of the game consistently to play honestly and fairly • Work collaboratively to create tactics with my team and evaluate the effectiveness of these • Work in collaboration with others so that games run smoothly <p>Cricket</p> <ul style="list-style-type: none"> • Select the appropriate action for the situation • Strike a bowled ball with increasing consistency and accuracy • Use a wider range of fielding skills with increasing control under pressure • Use the rules of the game consistently to play fairly • Work in collaboration with others so that games run smoothly • Recognise my own and others strengths and areas for development and can suggest ways to improve • Understand and can apply some tactics in the game as a batter, bowler and fielder <p>Tag Rugby</p> <ul style="list-style-type: none"> • Create and use space to help my team • Pass, receive and shoot the ball with increasing control under pressure • Select the appropriate action for the situation and make this decision quickly • Use marking, and/or interception to improve my defence • Use the rules of the game consistently to play honestly and fairly • Work collaboratively to create tactics with my team and evaluate the effectiveness of these • Work in collaboration with others so that games run smoothly • Recognise my own and others strengths and areas for development and can suggest ways to improve 	<p>Habitats</p> <ul style="list-style-type: none"> • Say and write the key elements that animals and plants need to survive • Name the five most common types of habitats • Name an animal and a plant that live and grow in each type of habitat <hr/> <p>PSHE</p> <p>Safety and the changing body</p> <ul style="list-style-type: none"> • 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 <p>Citizenship</p> <ul style="list-style-type: none"> • 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