SF1 Medium Term Curriculum Plan Autumn 2 Core Subjects

Week 7 14hh Dec		**Pupils will learn how to identify key words, determine the purpose of a text, discuss and explain its main ideas, and use punctuation clues to support understanding.** Pupils will be able to highlight key words and identify the main purpose of a text, using evidence to support their answers. Pupils will be able to explain the key ideas in a text and use punctuation to help understand meaning, emphasis and the author's message.	**Pupils will know how to calculate perimeter and area of 2-D Shapes, including triangles and circles.** L1: Pupils will be able to calculate perimeter and area of rectangles, triangles and circles. L2:	Christmas activities, Panto and Assembly	Pupils will learn how Hindu families practise their religion at home. To recognise that many Hindus have a special place for worship in their homes. To identify some objects used during Hindu worship.	**Pupils will learn how to create advertisements and presentations using appropriate layouts, graphics and formatting.** Pupils will be able to design a simple advertisement using text and images to attract an audience. Pupils will be able to create a presentation that communicates information clearly and effectively.		Christmas Activities Christmas Panto	Christmas Activities/ Panto/ Assembly	Performance Week
Week 6 7th Dec	8-14 December International Computer Science Education Week (Computing)	**Pupils will learn how to distinguish between facts and opinions, identify the tone and style of a text, and explain its key ideas using evidence from the text.** Pupils will be able to identify facts and opinions within a text and explain how they know the difference. Pupils will be able to analyse a text by identifying its tone and style of writing, and explain the key ideas using evidence from the text.	**Pupils will know how to convert between metric and imperial units using a conversion factor.** L1: Pupils will be able to convert lengths, weights, and capacities using multiplication or division. L2: Pupils will be able to check conversion using estimating or rounding. **Pupils will know how to convert between metric and imperial units using a conversion graph.** L1: Pupils will be able to read values from a conversion graph accurately. L2: Pupils will be able to apply graph-based conversions to practical examples (e.g., recipes, distances). Pupils will know how to calculate compound measures such as speed, density and rates of pay. L1: Pupils will be able to calculate speed using distance and time. L2: Pupils will be able to calculate density and simple pay rates in real-life contexts.	Christmas Fair Prep	Puils will learn why Holi is an important Hindu festival. To recognise that Holi is known as the Festival of Colours. To identify some of the traditions associated with Holi.	**Pupils will learn how to use computational thinking and coding skills to solve problems during Computer Science Education Week.** Pupils will be able to match at least 3 out of 4 computing terms to their correct meanings. Pupils will be able to complete a simple coding task by sequencing at least five instructions correctly and achieving the intended outcome.	**Pupils will learn how to demonstrate taking responsibility for their own self.** Pupils are able to: - describe how individual rights and responsibilities can be managed in everyday life. - summarise learning on rights and responsibilities. - create a plan to show demonstration of taking responsibility.	Christmas Fair Prep	**Pupils will learn how to apply forensic techniques to investigate and solve a crime scene.** Pupils will be able to participate in a simulated crime scene investigation by detecting and preserving at least three fingerprints, carrying out paper chromatography, comparing chromatography results with reference samples and analysing fingerprint evidence whilst following correct forensic procedures throughout. Pupils will be able to produce a forensic investigation report that presents the evidence collected, interprets the results and justifies a conclusion identifying the most likely suspect using scientific evidence, meeting all assessment criteria.	**Pupils will learn to explore careers that match their interests and strengths.** Pupils are able to identify careers studied throughout the unit. Pupils are able to recognise their personal strengths. Pupils are able to identify a career they would like to try. Pupils are able to describe skills needed for their chosen role. **GB3**: Reflect on personal interests, strengths, and future options.
Week 5 30th Nov	3rd Dec International day of persons with Disabilities (PSHE)	**Pupils will learn how to identify, explain and use a range of punctuation marks correctly, and how to proofread writing to correct punctuation errors.** Pupils will be able to identify a range of punctuation marks (e.g. full stops, commas, question marks, exclamation marks, apostrophes, speech marks and colons) and explain their purpose and effect in a sentence. Pupils will be able to use punctuation accurately in their own writing and proofread a text to find and correct punctuation mistakes.	**Pupils will know how to order and compare decimals** L1: Pupils will be able to order and compare decimals. **Pupils will know how to use the order of precedence (BODMAS/BIDMAS)** L1: Pupils will know how to follow the order of precedence of operators (BODMAS/ BIDMAS) not Including indices to solve problems and calculations. L2: Pupils will know how to follow the order of precedence of operators (BODMAS/ BIDMAS) including indices to solve problems and calculations.	**Pupils will learn to know where to access support for diet and wellbeing.**	Pupils will learn why Hindus believe in karma. To understand the concept of reincarnation. To recognise the importance of making positive choices and treating others kindly.	**Pupils will learn how to use appropriate layouts and language for formal and informal communication with different audiences.** Pupils will be able to identify the differences between formal and informal communication. Pupils will be able to create a document using an appropriate layout and style for a specified audience.	**International Day of Persons with Disabilities** **Pupils will learn about barriers and support to rights.** Pupils are able to: - describe barriers that could prevent someone from exercising their individual rights. - identify sources of information about rights and responsibilities. - describe how sources of support could help overcome barriers.	**Recap of all Atoms and Radiation Topic** **Revision and Exam**	**Pupils will learn how to apply forensic techniques to investigate and solve a crime scene.** Pupils will be able to participate in a simulated crime scene investigation by detecting and preserving at least three fingerprints, carrying out paper chromatography, comparing chromatography results with reference samples and analysing fingerprint evidence whilst following correct forensic procedures throughout. Pupils will be able to produce a forensic investigation report that presents the evidence collected, interprets the results and justifies a conclusion identifying the most likely suspect using scientific evidence, meeting all assessment criteria.	**Pupils will learn about careers that create festive experiences for visitors.** Pupils are able to identify jobs found at festive attractions. Pupils are able to recognise the importance of teamwork. Pupils are able to participate in a visitor attraction role-play. Pupils are able to describe how staff help visitors enjoy events. **GB2:** Explore careers within leisure, tourism, and visitor services.

Week 4 23rd Nov		**Pupils will know how to analyse techniques used by the author to create tension.** **Pupils will know how to format exam-style responses using PEED.** EL3: Pupils will be able to identify at least 2 moments where the novel feels tense and describe this using PEED with staff support. L1: Pupils will be able to describe what pathetic fallacy is and given at least 2 examples from the text supported with evidence. L2: Pupils will be able to explain how Stevenson uses pathetic fallacy to build tension within the novel providing at least 2 pieces of evidence from the text to support their answer.	**Pupils will know how to use estimation to support with calculations.** L1: Pupils will be able to approximate by rounding to a whole number or to one or two decimal places. L2: Pupils will be able to estimate answers to calculations using fractions and decimals. **Pupils will know how to calculate ratios and proportion.** L1: Pupils will be able to work with simple ratio and direct proportions. L2: Pupils will know how to understand and calculate ratios, direct proportion and inverse proportion.	**Pupils will learn to recognise the main signs of disordered eating**	Pupils will learn where Hindus pray. To understand that a Hindu place of worship is called a mandir. To identify objects and activities used during Hindu worship.	**Pupils will learn how to use image editing tools to improve the appearance and effectiveness of digital images.** Pupils will be able to edit images using cropping, resizing, contrast and colour balance tools. Pupils will be able to add captions to images to communicate information clearly.	**Pupils will learn about responsibilities that individuals have to others.** Pupils are able to: - identify responsibilities that they have for others. - explore responsibilities that other individuals might have for others. - explore sources of information regarding rights and responsibilities.	**Pupils will learn how exposure to radiation can cause harm and how the risk can be reduced.** Pupils are able to: - explain the damage that radioactive isotopes can cause to cells in the body. - describe methods to minimise the exposure to radioactive isotopes. - recall the definitions of irradiation and contamination.	**Pupils will learn how different forensic methods support police investigations.** Pupils will be able to describe two different forensic methods other than fingerprint analysis (e.g. DNA profiling and toxicology) and explain how each contributes to solving crimes. Pupils will be able to compare the strengths and limitations of fingerprint analysis with two other forensic methods by completing a comparison table containing at least three valid points for each method.	**Pupils will learn about careers that support people during the festive and winter season.** Pupils are able to identify helping professions. Pupils are able to recognise ways workers support others. Pupils are able to describe why these jobs are important at Christmas. Pupils are able to identify ways they can help in their community. **GB5:** Opportunity to hear from a community worker or volunteer.
Week 3 16th Nov	15th-23rd Nov Maths Week (Maths) 16th – 20th November Anti-bullying week (PSHE)	**Pupils will know how the balance of Good and Evil affect the storyline.** EL3: Pupils will be able to identify at least 2 characters associated with good and evil within the text. L1: Pupils will be able to describe how Stevenson portrays the balance of good and evil giving examples of at least 2 characters. L2: Pupils will be able to explain the balance of Good and Evil and how Stevenson uses this theme to portray the characters giving at least 2 pieces of evidence to support.	**Pupils will know how to convert between fractions, decimals and percentages.** L1: Pupils will be able to recognise and calculate equivalences between common fractions, percentages and decimals. L2: Pupils will be able to independently convert between fractions, decimals and percentages.	**Pupils will learn to identify and apply the key strategies to support mental health, hygiene and sleep**	Pupils will learn what Gods and Goddesses Hindus follow. To identify the names and characteristics of Brahma, Vishnu, Shiva, Lakshmi and Ganesha.	**Pupils will learn how to insert, edit and format graphics and images to enhance digital documents.** Pupils will be able to insert graphics and images into a document. Pupils will be able to crop, resize and position images appropriately for the intended audience.	**Pupils will learn how to reflect on the responsibilities they have for themselves in different scenarios.** Pupils are able to: - identify responsibilities that they have for themselves. - explore responsibilities that other individuals might have for themselves.	**Pupils will learn about radioactive decay** Pupils are able to: - recall that when an unstable atom decays it emits an alpha particle, a beta particle or gamma rays and this is called radioactive decay. - recall that radioactive decay is random. - explain 'activity' and 'half-life' regarding radioactive decay. - describe how the activity of a radioactive source decreases with time and never gets to zero when shown on a graph.	**Pupils will learn how to evaluate different types of forensic evidence to support criminal investigations.** Pupils will be able to compare fingerprint and chromatography evidence from a simulated investigation and identify which provides the strongest evidence, giving at least three justified reasons. Pupils will be able to evaluate the strengths and limitations of chromatography and fingerprint analysis by completing a comparison table containing at least four valid comparison points.	**Pupils will learn about jobs involved in making and selling festive products.** Pupils are able to identify products sold at Christmas markets. Pupils are able to recognise careers linked to making gifts and decorations. Pupils are able to explore simple craft-making activities. Pupils are able to describe how creative skills can become jobs. **GB7:** Explore vocational routes into practical careers.
Week 2 9th Nov 9th 10th Nov INSET	11th November – Remembrance Day (History) 13th November- World Kindness day 13th November- Children In Need	**Pupils will know how to identify how the difference in social class work to shape events within the text.** EL3: Pupils will be able to identify at least 2 examples of difference in social class within the novel. L1: Pupils will be able to find at least 2 examples of difference in social class within the novel and use these to help describe how it affects the plot. L2: Pupils will be able to explain how Stevenson uses the difference in social class to introduce the conflict of good and evil within the novel using at least 2 pieces of evidence from the text to support their ideas.	**Pupils will know how to calculate percentage changes (increase and decrease) for amounts.** L1: Pupils will be able to calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof. L2: Pupils will be able to calculate percentage changes (any size increase or decrease), and original value after a percentage change.	**Health and wellbeing** **AQA-Level: Level One** **Pupils will learn the importance of personal hygiene and oral health including the key effects of diet and substance use** Pupils will be able to list the importance of personal and oral hygiene in their daily life. They will recap on key effects of unhealthy diet and substance use.	Pupils will learn what Hinduism is. To understand that Hindus believe in Brahman, the ultimate reality.	**Pupils will learn how to create, edit and format tables to present information clearly and effectively.** Pupils will be able to create and populate a table with information. Pupils will be able to format tables using borders, shading and alignment to improve presentation.	INSET DAY	**Pupils will learn about atoms and isotopes** Pupils are able to: - recall the definition of an isotope - show the parts of an atom - explain why an atom has no overall charge	**Pupils will learn how to analyse the main features of fingerprints to identify individuals.** Pupils will be able to identify the main fingerprint patterns (arch, loop and whorl) and correctly classify at least six fingerprint samples with at least 5 out of 6 correct. Pupils will be able to analyse the main features of two fingerprints by identifying at least four matching ridge characteristics and determine whether they originate from the same individual, providing evidence to support their conclusion.	**Pupils will learn about careers that help run festive events and attractions.** Pupils are able to identify jobs involved in festive events. Pupils are able to recognise the skills needed to welcome visitors. Pupils are able to take part in a festive event role-play. Pupils are able to describe how event staff create positive experiences. **GB2:** Learn about careers in the visitor and leisure industries.
Week 1 2nd Nov	8th November Diwali (RE)	**Pupils will know how to identify and analyse some of the themes within the text.** EL3: Pupils will be able to identify at least two themes within the text. L1/L2: Pupils will be able to identify and explain at least two themes within the text, supporting these with evidence where possible.	**Pupils will know how to find fractions and percentages of amounts.** L1: Pupils will be able to find fractions of whole numbers, quantitates or measurements. L1: Pupils will be able to read, write, order and compare percentages in whole numbers. L2: Pupils will be able to work out percentage of amounts and express one amount as a percentage of another. Pupils will be able to express one number as a fraction of another.	**Pupils will learn the impact of poor-quality sleep on mental and physical health** Pupils will regulate their sleep and manage	Pupils will learn what Diwali is why it is an important Hindu festival. To Know that Diwali celebrates the victory of light over darkness and good over evil. To recognise some Diwali traditions and symbols.	**Pupils will learn how to use a word processing application to enter, edit, format and save text for different purposes and audiences.** Pupils will be able to enter and edit text accurately using a word processing application. Pupils will be able to apply formatting features such as font style, size, colour and alignment to improve a document.	**Pupils will learn how to identify their rights in different scenarios.** Pupils are able to: - explain the difference between rights and responsibilities. - outline the rights they have in different situations. - explore the rights of other individuals.	**Pupils will learn about the structure of an atom** Pupils are able to: - describe the structure of an atom - recall masses and charges of parts of an atom - recall what the atomic number and atomic mass of an element means	**Pupils will learn how to examine shoe imprints and identify distinguishing features using a microscope.** Pupils will be able to use a microscope to examine at least three different shoe imprints. Pupils will be able to identify and record at least three distinguishing features for each shoe imprint (e.g. tread pattern, wear marks or damage) and correctly match at least two of the imprints to reference shoe soles.	**Pupils will learn to identify a range of careers that help make the festive season special.** Pupils are able to identify different festive careers. Pupils are able to match jobs to festive tasks. Pupils are able to recognise how workers help communities celebrate. Pupils are able to identify a festive job they would like to learn more about.**GB2:** Explore local seasonal employment opportunities. **GB4:** Understand how communication and teamwork skills are used in the workplace.
	Whole school celebrations	**English**	**Maths**	**PSHE - SF**	**RSE - RB**	**Computing**	**ASDAN**	**Science - LC**	**Science - PW**	**Careers - AB**

Employability Safeguarding SMSC Educational Visit Sex and relationships Bullying Online safety