Aintree Davenhill Medium Term Planning



Use devices to build cohesion between paragraphs in persuasive, discursive and explanatory texts e.g. on the other hand, the opposing view, similarly, in contrast, although, additionally, another possibility, alternatively, as a

Maths	Science	English
Number and Place Value (Mental Maths)	Animals, including humans	Reading
Count on in powers of 10 from any number up to six digits	Programme of Study	Word Reading
Count back in powers of 10 from any number up to six digits	Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels	 Use knowledge of root words, prefixes and suffixes to investigate how the meanings of words change e.g. un+happy+ness, dis+repute+able, dis+respect+ful, re+engage+ment
Recognise and write decimal equivalents of any number of fractional tenths, hundredths or thousandths Manipulate the parts in an addition equation to make the calculation more efficient	and blood	Use suffixes to understand meanings e.g. –cious, -tious, -tial, -cial
Manipulate the whole and one of the parts in a subtraction equation to make the calculation more efficient	Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function	Read and understand meaning of words on Y5/6 word list
Recall multiplication and division facts up to 12×12	Describe the ways in which nutrients and water are transported within animals, including humans	Use etymology to help the pronunciation of new words e.g. chef, chalet, machine, brochure – French in origin
Multiply whole numbers and numbers with up to three decimal places by 10, 100 or 1,000	The heart is a major organ and is made of muscle	Employ dramatic effect to engage listeners whilst reading aloud
Divide whole numbers by 10, 100 or 1,000 and numbers with up to two decimal places by 10 and numbers with up to	The heart pumps blood around the body through vessels and this can be felt as a pulse The heart pumps blood through the lungs in order to obtain a supply of oxygen	Read extensively for pleasure
one decimal place by 100	Blood carries oxygen/essential materials to different parts of the body	Skim texts to ascertain the gist
ace Value and Decimals	During exercise muscles need more oxygen so the heart beats faster and our breathing and pulse rates increase	Use a combination of scanning and close reading to locate information Evaluate texts quickly in order to determine their usefulness or appeal
Identify and represent numbers up to 10,000,000 using place value counters and a place value chart	An adequate, varied and balanced diet is needed to help us grow and repair our bodies (proteins), provide us with energy	Understand underlying themes, causes and consequences within whole texts
Partition a seven-digit number into millions, hundred thousands, ten thousands, thousands, hundreds, tens and ones	(fats and carbohydrates) and maintain good health (vitamins and minerals)	Understand the structures writers use to achieve coherence; (headings; links within and between paragraphs;
Identify and represent numbers with up to three decimal places using place value counters and a place value chart	Tobacco, alcohol and other 'drugs' can be harmful	connectives)
Partition a number with up to three decimal places into tens, ones, tenths, hundredths and thousandths	All medicines are drugs, not all drugs are medicines	Recognise authors' techniques to influence and manipulate the reader
Compare and order numbers up to 10,000,000	Working Scientifically	
Compare and order numbers with up to three decimal places	Explore the work of scientists	Reading Comprehension Maintain positive attitudes to reading and understanding what they read by:
Identify, represent and estimate numbers on a number line from 0 to 10,000,000 where the number line has ten demarcations	Research the relationship between diet, exercise, drugs, lifestyle and health	Listening to, reading and discussing an increasingly wide range of fiction, poetry, plays and non-fiction
Identify, represent and estimate numbers on a number line from 0 to 1 where the number line has ten demarcations	Observe and measure changes to pulse rates after exercise	Regularly listening to novels read aloud by the teacher from an increasing range of authors, which they may not
Round any number up to 10,000,000 to the nearest 10, 100, 1,000, 10,000 or 1,000,000		choose themselves
Round decimals with three decimal places to the nearest whole number e.g. 327.702 rounds to 328		Recognising themes within and across texts e.g. hope, peace, fortune, survival
Round decimals with three decimal places to the nearest tenth e.g. 327.702 rounds to 327.7		Making comparisons within and across texts e.g. hope, peace, fortune, survival Making comparisons within and across texts e.g. similar events in different books, such as being an evacuee in Carrie
Find 1, 10, 100, 1,000, 10,000 or 100,000 more/less than a given number up to 10,000,000 including crossing any		War and Goodnight Mr Tom
boundaries		Comparing texts written in different periods
Find 0.001 more/less than a given number including crossing any boundaries		Analysing the conventions of different types of writing e.g. use of dialogue to indicate geographical and/or historical
Count forwards or backwards in steps of powers of 10 from any number up to 10,000,000		Analysing the conventions of different types of writing e.g. use of dialogue to indicate geographical and/or historical settings for a story
Iental and Written Addition and Subtraction		Independently read longer texts with sustained stamina and interest
Recognise calculations that require mental partitioning e.g. 6,584 – 2,360 or 873 + 350 and use this strategy where		Recommending books to their peers with detailed reasons for their opinions
appropriate		Expressing preferences about a wider range of books including modern fiction, traditional stories, fiction from our
Recognise calculations that require counting on or back mentally, bridging efficiently e.g. 0.7 + 0.56 becomes 0.7 + 0.3 +		literary heritage and books from other cultures and traditions
0.26 and use this strategy where appropriate		Learning a wider range of poems by heart
 Recognise calculations that require a mental compensation method e.g. 5.6 + 3.9 becomes 5.6 + 4 - 0.1 and use this strategy where appropriate 		Preparing poems and playscripts to read aloud and perform using dramatic effects
Recognise calculations that require counting on mentally to find the difference e.g. 4.1 – 3.46 and use this strategy		Understand what they read by:
where appropriate (This should be supported by a number line)		Using a reading journal to record on-going reflections and responses to personal reading
Add whole numbers up to 10,000,000 Add numbers with up to three decimal places e.g. 2.65 + 354.682 + 64.7 + 24		Exploring texts in groups and deepening comprehension through discussion
Round numbers to an appropriate power of 10 to estimate a calculation		Exploring new vocabulary in context
Subtract whole numbers up to 10,000,000		Demonstrating active reading strategies e.g. challenging peers with questions, justifying opinions, responding to
Subtract numbers with up to three decimal places e.g. 834.2 – 58.829		different viewpoints within a group
Round numbers to an appropriate power of 10 to estimate a calculation Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate		 Inferring characters feelings, thoughts and motives from their actions, justifying inferences with evidence e.g. point;
mentally, use a jotting, written method)		evidence: explanation
		Predicting what might happen from information stated and implied
Mental and Written Multiplication		Re-read and reads ahead to locate clues to support understanding and justifying with evidence from the text
Use partitioning to double any number, including decimals to three decimal places		Scanning for key information e.g. looking for descriptive words associated with a setting
Use partitioning to multiply a number with one decimal place by a single digit e.g. 4.3 × 8 Multiply whole numbers up to four digits by a one-digit number		Skimming for gist
Multiply a number with two decimal places by a single digit		Using a combination of skimming, scanning and close reading across a text to locate specific detail
Round numbers to an appropriate power of 10 to estimate a calculation		Identifying how language, structure and presentation contribute to meaning e.g. persuasive leaflet, balanced
Multiply two-digit and three-digit whole numbers by a two-digit whole number using the formal written method of long		argument
multiplication		Discuss/evaluate how authors use language including figurative language, considering the impact on the reader by:
Round numbers to an appropriate power of 10 to estimate a calculation		 Exploring, recognising and using the terms personification, analogy, style and effect
 Multiply multi-digit numbers up to four digits by a two-digit whole number using the formal written method of long multiplication 		Explaining the effect on the reader of the authors' choice of language and reasons why the author may have selected.
Use compensation strategy to multiply U.9 × U		these
Use compensation strategy to multiply U.99 × U		Distinguish between statements of fact or opinion across a range of texts e.g. first-hand account of an event
Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate		compared with a reported example such as Samuel Pepys' diary and a history textbook Participate in discussions about books building on their own and others' ideas and challenging views courteously
mentally, use a jotting, written method)		Explain and discuss their understanding of what they have read, including through formal presentations and debates,
lental and Written Division		maintaining a focus on the topic and using notes where necessary by:
Use partitioning to halve any number, including decimals to three decimal places		Preparing formal presentations individually or in groups
Divide a 4-digit number by a 1-digit number and interpret remainders as whole number remainders, fractions, or by		Using notes to support presentation of information
rounding, as appropriate for the context		Responding to questions generated by a presentation
Divide a 3-digit number by a 2-digit number		Participating in debates on issues related to reading (fiction/non-fiction)
Divide a 4-digit number by a 2-digit number		Provide reasoned justifications for their views
Divide a 3-digit or 4-digit number by a 2-digit number and interpret remainders as whole number remainders, fractions,		Justifying opinions and elaborating by referring to the text (Point + Evidence + Explanation)
or by rounding, as appropriate for the context Divide a four-digit number by a one-digit number using a partitioning strategy		Welder
Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate		Writing Vocabulary, Spelling and Punctuation
mentally, use a jotting, written method)		Manipulate sentences to create particular effects
· · · •		Use devices to build cohesion between paragraphs in persuasive, discursive and explanatory texts e.g. on the other

		consequence Use devices to build cohesion between paragraphs in narrative, e.g. in the meantime, meanwhile, in due course, until then Use ellipis to link ideas between paragraphs Identify and use colons to introduce a list Identify and use colons to long the boundary between independent clauses, e.g. It is raining; I am fed up Investigate and collect a range of synonyms and antonyms, e.g. mischievous, wicked, evil, impish, spiteful, well-behaved Explore how hyphens can be used to avoid ambiguity, e.g. man-eating shark versus man-eating shark Punctuate builet points consistently Explore and collect vocabulary typical of formal and informal speech and writing e.g. find out – discover, ask for request, go in – request Identify the subject and object of a sentence Explore and investigate active and passive, e.g. I broke the window in the greenhouse versus the window in the greenhouse was broken Composition Plan their writing by: Identifying audience and purpose Choose appropriate text-form and type for all writing Selecting the appropriate language and structures Drawing on similar writing models, reading and research Using a range of planning approaches, e.g. storyboard, story mountain, discussion group, post-it notes, ICT story planning Draft and write by: Selecting appropriate vocabulary and language effects, appropriate to task, audience and purpose, for precision and impact Introducing and developing characters through blending action, dialogue and description within sentences and paragraphs, e.g. Tom stomped into the room, flung down his grubby, school bag and announced, through gritted teeth, "It's not fair" Using devices to build cohesion Deviating narrative from linear or chronological sequence, e.g. flashbacks, simultaneous actions, time-shifts Combining text-types to create hybrid texts e.g. persuasive speech Evaluating, selecting and using a range of organisation and presentational devices for different purposes and audiences Spelling Bescure with all spelling rules previously
History	Geography	Computing
Women in World War II Chronology Show their chronologically secure knowledge by: • Sequencing events and periods through the use of appropriate terms relating to the passing of time (empire, civilisation, parilament, peasantry) • Identifying where periods studied fit into a chronological framework by noting connections, trends and contrasts over time • In depth study of different periods, using appropriate vocabulary when describing the passing of time and historical concepts (propaganda, bias, primary source, secondary source, reliability) • Know and understand the history of these islands as a coherent, chronological narrative, from the earliest times to the present day • Analyse connections, trends and contrasts over time Events, People and Changes Show their knowledge and understanding of local, national and international history by: • Gairing historical perspective by placing their growing knowledge into different contexts between cultural, economic, military, political, religious and social history • Establishing a narrative showing connections and trends within and across periods of study • Begin to recognise and describe the nature and extent of diversity, change and continuity and suggest relationships between causes • Presenting a clear narrative within and across periods that notes connections, contrasts and trends over time Communication • Produce structured work that makes connections, draws contrasts, analyses trends, frames historically valid questions involving thoughtful selection and organisation of relevant historical information using appropriate dates and terms • Produce detailed structured work to select and deploy information and make appropriate use of historical terminology and contrasting evidence Enquiry, Interpretation and Using Sources • Understand the methods of historical enquiry, how evidence is used to make historical claims, and Begin to discern how and why contrasting arguments and interpretations of the past have been constructed. • Use sources as a basis for	Locational Knowledge Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North America Name and locate counties and cities of the United Kingdom 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 (including day and night) Place Knowledge A region of the United Kingdom Aregion in a European country Human and Physical Geography Describe and understand key aspects of: human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water Mapping Use a wide range of maps, atlases, globes and digital maps to locate countries and features studied Enquiry and Investigation Ask and answer questions that are more causal e.g. Why is that happening in that place? Could it happen here? What happened in the past to cause that? How is it likely change in the future? Make predictions and test simple hypotheses about people and places	My Online Life (DL) (DL) To describe ways in which media can shape ideas about gender. (DL) To identify messages about gender roles and make judgements based on them. (DL) To challenge and explain why it is important to reject inappropriate messages about gender online. (DL) To challenge and explain why it is important to reject inappropriate messages about gender online. (DL) To challenge and explain why it is important to reject inappropriate messages about gender online. (DL) To describe issues online that might make them or others feel sad, worried, uncomfortable or frightened. To know and give examples of how to get help, both on and offline. (DL) To explain why they should keep asking until they get the help they need. (DL) To explain how they understand their responsibilities for the well-being of others in their online social group. (DL) To explain how they and ash communications online may cause problems (e.g. flaming, content produced in live streaming). (DL) To demonstrate how they would support others (including those who are having difficulties) online. (DL) To demonstrate ways of reporting problems online for themselves and their friends. (DL) To describe some simple ways that help build a positive online reputation. (DL) To describe some simple ways that help build a positive online reputation. (DL) To describe how to capture bullying content as evidence (e.g. screen-grab, URL, profile) to share with others who can help them. (DL) To identify a range of ways to report concerns both in school and at home about online bullying. (DL) To to splain how search engines work and how results are selected and ranked. (DL) To demonstrate the strategies they would apply to be discerning in evaluating digital content. (DL) To demonstrate the strategies they would apply to be discerning in evaluating digital content. (DL) To demonstrate how some online information can be opinion and offer examples. (DL) To demonstrate how and why some people may present 'opinions' as 'facts' (DL) To despla

Begin to recognise why some events, people and changes might be judged as more historically significant than others		technology: to demonstrate the strategies they use to do this (e.g. monitoring my time online, avoiding accidents). (DL) To use different password for a range of online services. (DL) To describe effective strategies for managing passwords (e.g. password managers, acronyms, stories). (DL) To know what to do if their password is lost or stolen (DL) To explain what app permissions are and give some examples from the technology or services they use. (DL) To describe ways in which some online content targets people to gain money or information illegally: to describe strategies to help them identify such content (e.g. scams, phishing). (DL) To demonstrate the use of search tools to find and access online content which can be reused for them. (DL) To demonstrate how to make references to and acknowledge sources they have used from the internet.
D.T	Art	Music
D.T	Craft and design: Photo opportunity Explain how a new imagen can be exerted using a combination of other images. User the control of the combination of the combination of other images. User the combination of the combinat	Dynamics, pitch and texture (Fingal's Cave) Exploring Fingal's' Cave To appraise the work of a classical composer (Felix Mendelssohn). To give opinions on the music they hear. To use creative language to characterise the music Making waves: pitch and dynamic. To improvise as a group, using dynamics and pitch. To follow a conductor. To improvise as a group, using dynamics and pitch. To follow a conductor. To use changes of pitch in own improvisation. Making waves; texture To improvise as a group, using texture To follow a conductor. To notate own ideas using a graphic score. To use changes of texture in own improvisation. Group Compositions To use knowledge of dynamics, texture and pitch to create a group composition. To compose a piece by using different textures. To compose a piece by using different textures. To compose a piece by using different textures. To talk about someone else's work and make constructive comments. We are waves To use texmwork to create a group composition featuring changes in texture, dynamics and pitch. To work with others in a group. To make sounds using different textures, dynamics and pitches. To use creative harding effective by to produce a performance. Spanish Listening • Follow a short familiar text listening and reading at the same time • Listen antienthely and understand more complex phrases and sentences; join in to show understanding • Listen for gid • Understand longer and more complex phrases and sentences; join in to show understanding • Listen for gid • Understand longer and more complex phrases and sentences; join in to show understanding • Listen for gid • Understand longer and more complex phrases and sentences; join in to show understanding • Listen for gid • Understand and express simple conversation using familiar vocabulary and structures in new contexts • Prepare and practice a simple conversation using familiar vocabulary and structures in new contexts • Prepare and practice a simple conversation going Reading • Read carefully and show understanding
		Singular and plural forms Definite and indefinite article

P.E	P.S.H.E	Develop an awareness of sound spelling link to be able to write with increasing accuracy Recognise different word classes e.g., nouns, verbs, adjectives Recognise and use high frequency verbs Question words Develop an awareness of the place of the adjective in the sentence Develop an awareness of adjectival agreements Develop an awareness of word order Apply knowledge of language rules and conventions when building short sentences Personal pronouns I, you, he, she, it, we, they Develop an awareness of werb patterns Begin to use adjectival agreements with accuracy Use of prepositions A + definite article De + definite article Prepositions Use a range of adverbs to make messages more interesting
Football To set up a shooting opportunity for a teammate. To restrict an opponent's space by defending with my partner. To perform a penalty kick with power and accuracy. To attack and shoot as a pair. To perform the role of cover defender to stop the opposition's attack To use close control to keep possession of the ball under pressure. Badminton The smash shot technique and when to use it. To use the smash shot in a doubles game. To hit a drop shot using the correct technique to outwit an opponent. To develop reaction time to hit shots when close to the net. To communicate with a partner in a doubles match to ensure court positioning is correct. To use defensive formations in a doubles game to prevent opponents from scoring points.	Health and Well-Being To set a goal To understand the importance of exercise To explain the risks associated with alcohol To understand the risks associated with cannabis and volatile substance abuse To understand how a parliamentary debate takes place in the House of Commons (Link to Student Council Elections)	This unit enables pupils to learn in depth from different religious and spiritual ways of life about being a follower of the Muslim religion. Pupils explore the five pillars of Islam and the importance of these to Muslim believers. Pupils will gain a greater understanding of Islam and what we can learn from its beliefs, values and ideas. This investigan provides an opportunity to learn about the Qur'an and other forms of guidance and visit a Mosque. Accurate vocabulary: teach pupils to remember and use Islamic terminology correctly, for example prophet, Allah, 5 Pillars, minaret, dome, mosque, muezzin, mihrab, wudu, revelation. Also use the vocabulary of spirituality: 'a sense of the presence of God', 'experiences of awe and wonder'. Pupils will: Describe the Five Pillars of Islam and give detailed examples of how these affect the everyday lives of Muslims (A1). Identify three reasons why the Holy Qur'an is important to Muslims, and how it makes a difference to how they live (B1). Deploy a rich knowledge of the 5 Pillars to make connections between Muslim practice of the Five Pillars and their beliefs about God and the Prophet Muhammad (A2). Describe and reflect on the significance of the Holy Qur'an to Muslims (B1). Describe the forms of guidance a Muslim uses and compare them to forms of guidance experienced by the pupils (A2). Make connections between the key functions of the mosque and the beliefs of Muslims (A1). Deploy a rich knowledge of the 5 Pillars to explain connections between Muslim practice and their beliefs about God and the Prophet Muhammad (A2). Comment thoughtfully on the value and purpose of religious practices and rituals in a Muslim's daily life (B1). Answer the title key question from different perspectives, including their own (C1).