



As **WRITERS** we will be writing instructions, explanations and fiction. We will focus on types of conjunction, using the present perfect tense and using commas and speech punctuation correctly in our work

In **MATHS** we will be using written methods of addition, subtraction and multiplication. We will be working out fractions of amounts and equivalent fractions. We will also be measuring in litres and ml.

As **SCIENTISTS** we will be looking at sources and reflectors of light, how light travels, protecting our eyes from sunlight and finding patterns in shadows.

As **GEOGRAPHERS** we will focus on fieldwork skills, including drawing field sketches and field maps, recording and analysing geographical data, and making observations about the local area.

In **THE ARTS** we will be using collage and digital tools to create pieces of art. We will be selecting appropriate equipment, and creating designs with paper, natural equipment and items we collect.

In **ICT** we will be working on instructional videos and digital art, selecting appropriate tools for a task.

As **LINGUISTS** we will be learning body parts and colours (Y3) and about animals and how to describe them (Y4).

IN THE NEWS

THE ARTS

COMMUNICATION

PAPERLESS MATHS

We will keep up to date with current events using child friendly news – exploring how the issues that arise have an impact on our lives. We will make sure that topics are discussed sensitively.

Collage and digital art this half term, allowing children a range of materials and resources to choose from when creating their work. How can we use materials from around us to create a natural image? How can we use repeated images to show movement?

Lots of ways that light can be used for communication, from our TV screens to traffic lights. How can we use the way light travels to establish communications? Can we use shadows to communicate with people?

Plenty of maths in working out the reflection angles of light, and measuring the size of shadows and the distance of an object from the light source. Lots of maths too in our geography work – recording, analysing and presenting data in a range of methods.

CURRICULUM LINKS

WRITING	SPAG	READING	MATHS
<p>Instructional writing – using time conjunctions and imperatives. Explanation writing – using cause and effect conjunctions and present perfect verbs as an alternative to past tense Fiction – speech punctuation and commas for fronted adverbials.</p>	<p>Verb use - including the present perfect and past tense. Continued focus on spelling patterns - including suffixes and prefixes. Handwriting and editing skills.</p>	<p>Focus on non-fiction Asking questions to improve our understanding of a text. Summarising a section of text in our own words. Establishing the meanings of words in context. Using a dictionary and thesaurus.</p>	<p>Using place value to work with larger numbers. Using written methods of addition, subtraction and multiplication. Fractions of amounts and equivalent fractions. Working with litres and millilitres. Properties of shape including parallel and perpendicular lines.</p>
SCIENCE	HISTORY	GEOGRAPHY	COMPUTING
<p>Need light to see - sources Light can be reflected Protecting the eyes Creating shadows Finding patterns in shadows Making and recording observations Presenting data answer questions Draw conclusions make predictions</p>	<p>N/A</p>	<p>Fieldwork – focus on geographical features of the local area Making observations Measuring accurately Recording data effectively Field maps and sketches Present - graphs, charts, digitally Human and physical features</p>	<p>Selecting and combining software to achieve goals. Using video software and podcasting to create instructional videos. Using digital art to create suitable enhancements for slide show presentations</p>
FRENCH	THE ARTS	DESIGN AND TECHNOLOGY	MORAL+SOCIAL
<p>Y3</p> <ul style="list-style-type: none"> - Naming the main body parts - Knowing colours and using them in descriptions <p>Y4</p> <ul style="list-style-type: none"> - Naming a wide range of animals, and describing how they look and move 	<p>Finish food tech – making and evaluating rainforest meals.</p> <p>Digital art and Collage Design techniques using a range of materials and resources. Working with natural materials, paper and scrap material.</p>	<p>Using research to inform our designs for a purpose.</p> <p>Generating ideas through discussion and diagrams/sketches.</p> <p>Using and understanding electrical systems in order to design and create models including traffic lights.</p>	<p>Christianity Pentecost and why it is important to Christians. Features of places of worship and the symbols and imagery used.</p> <p>PSHE Relationships – from scheme</p>

WEEKLY PLANNER FOR TOPIC

LEARNING	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
WEEK THEME	Sources and reflectors	Patterns / colours and reflection	The eye and light	How shadows are made	Finding patterns in shadows	Protecting the eyes
LITERACY	Instructions Instructions for board games Time conjunctions Looking at instructions Evaluating instructions	Instructions Instructions for a journey Commas after fronted adverbials Organising paragraphs – theme Discussing and recording ideas	Explanations How to be you – spy context Present perfect tense Rehearse orally Build vocabulary	Explanations Light sources and reflectors Cause and effect conjunctions Structure, vocabulary, grammar Simple organisational devices	Fiction One day the sun went out Simple, compound and complex Characters, setting and plot Propose changes	Fiction Help! My shadow ran away. Speech punctuation Characters, setting and plot Propose changes
SPAG	Spelling patterns revision Strategies for spelling Common suffixes and prefixes Rules for adding them Rules for choosing between them	Punctuation revision Hyphens and dashes Types of parenthesis Uses of commas Capital letters proper nouns Colons and semicolons Apostrophe uses	Tense variations Past, present, future Progressive, perfect, regular Active and passive Identifying sentences Switching from one to other	Synonym / antonym Word and sentence types Phrases and clauses Sub conj or preposition Pronoun or determiner Clause types Modal and imperative verbs	N/A – SATS week	N/A – Residential
BIG WRITE	Instructions for board games	Instructions for journey	Explanation how to be you	Explanation of light sources, reflectors and how light travels	Story as above	Story as above
MATHS	Place Value Ordering numbers Number lines / Rounding Partitioning / Negatives What's my number? / Roman	Addition and Subtraction Written Add Written Sub Word problems Mental strategies / Money	Properties of Shape Y3 Horizontal Vertical Y3 Parallel Perpendicular Y3 3D shape Y4 2D shape and properties	Multiplication and Division Partitioning / Formal Grid / Formal Expanded / Most efficient Word problems	Fractions Of amounts / Adding Problems / Subtracting Equivalent Tenths / Problems	Volume and Capacity Fractions of 1 litre / Above 1 litre More or less / Problems Shopping problems / Estimating Add subtract / Diluting juice
MONDAY PM Art (PE split)	Collage City at night – paper Explaining collage techniques Evaluate examples by famous artists	Collage Personal silhouettes – abstract Explain giving clues but allowing viewer to draw own conclusions	Collage Natural materials Collecting outdoor materials to make a collage	Bank Holiday	Electronics TBC	Electronics TBC
TUESDAY PM RE / ICT	RE Pentecost ICT Instructional Podcasts	RE Places of worship ICT Instructional Podcasts	PSHE TBC ICT Instructional Podcasts	PSHE TBC ICT Digital Art	PSHE TBC ICT Digital Art	PSHE TBC ICT Digital Art
WEDNESDAY PM Science	C3 Sources and reflectors C4 Travelling in straight lines Designing periscopes	C3 Journey source -> reflector -> eye C4 Light made up of colours – prism Mixing colours with light	C3 Protecting the eye C4 Parts of the eye Pinhole cameras	C3 How shadows are made C4 Explaining shape of shadows Explaining size of shadows	C3 Finding patterns in shadows C4 Creating shadow shows	C3 Protecting eyes from sunlight C4 Refraction – pencil in glass Making predictions
THURSDAY PM French (PE split)	C3 Body parts Animals C4 Recap names of planets Describing planets	C3 Body parts Animal movements C4 Near and far, relating to planets Quite and very	C3 Colours Animal colours C4 Using conjunctions, relating to describing planets	C3 Colours At the zoo C4 Preparing presentations about the planets	C3 Colours and body More animals C4 Months and seasons	C3 Colours and body Phonic focus - animals C4 Weather and seasons
FRIDAY PM Geography	Field sketch Learning to accurately sketch Plotting features effectively Star Assembly	Sketch maps Estimating distances Recording shapes Star Assembly	Recording minibeasts Close observations Comparing a range of areas Star Assembly	Photographs of river features Recording flow rate, width Effect of erosion Star Assembly	Traffic survey Evaluating the effect of traffic on the village and patterns Star Assembly	Now and then Looking at evidence of how the village has changed over time Star Assembly
Planning notes/DIARY DATES	Wed – safeguarding Sat – Lanercost run	Wed – Computing review Wed – Curriculum progress review	Tue – Writing moderation at Great Corby	Mon – Bank Holiday	SATS Week Fri – Y6 walk	Mon – Thu - C4 Edinburgh