

Year 4

Topic overview: Light
Theme: The Chronicles of Narnia (6 weeks)



Maths

Addition and Subtraction:

- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Measurement

- I can convert different units of measurement eg. km to meters.
- I can measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.

Multiplication:

- I can recall and use multiplication and division facts for multiplication tables up to 12 x 12.
- count in multiples of 6, 7, 9, 25 and 1000
- I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.
- I can solve problems involving multiplying and adding, including using the distributive law to multiply 2 digit numbers by 1 digit number, integer scaling problems and harder correspondence problems such as n objects connected to m objects.

Arithmetic:

Following weekly rotation of:

Monday: Addition

Tuesday: Subtraction

Wednesday: Multiplication

Thursday: Division

Friday: Fractions

English

Poetry – Evacuee poems

Entertain – Narrative

Persuade – Letter to persuade

Writing

Composition: Focus on planning for writing.

Handwriting: Spacing between letters and words and joining using appropriate joins.

Reading:

Comprehension: participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say.

Meaning of challenging vocabulary.

Making, explain and justifying inferences

Continued decoding support.

Grammar and Punctuation

Review of Year 3 expectations:

- Apostrophes for plural possession
- Commas for lists
- Exclamation marks
- Inverted commas for speech

Year 4 expectations

- Extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although.
- Using conjunctions, adverbs and prepositions to express time and cause.

Spelling

- I can spell words ending 'sion',
- I can spell words ending 'tion'.
- I can spell words ending 'cian'.
- I can spell words with 'ough' .
- I can spell statutory spellings challenge words.

<p>History:</p>	<p>Art/DT:</p> <ul style="list-style-type: none">• Design, Make and Evaluate a lamppost for the entrance to Narnia. <p>DESIGN: PLAN: EVALUATE:</p>	<p>Science: Use Twinkl scheme to support <u>Electricity</u></p> <ul style="list-style-type: none">• Construct a simple series electrical circuit.• Identify and name the basic parts of a circuit.• Identify whether or not a lamp will light in a simple series circuit.• Recognise that a switch opens and closes a circuit.• Recognise some common conductors and insulators, and associate metals with being good conductors.	<p>E-Safety</p> <ol style="list-style-type: none">1. I can protect myself from online identity theft. <p>Computing:</p> <ol style="list-style-type: none">2. I can create and debug an algorithm to create a procedure.3. I can create and debug an algorithm that uses setpos to draw shapes.4. I can create and debug an algorithm with different colours.5. I can create and debug an algorithm with different patterns.6. I can create and debug an algorithm to produce text.7. I can create and debug an algorithm to draw arcs.
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<p>Music</p> <p>Singing – Christmas Carols</p>	<p>MFL – (Spanish)</p> <ul style="list-style-type: none"> • Days of the week • Months of the Year • Count to 10 in Spanish 	<p>RE:</p> <p><u>Festivals</u></p> <p><u>Diwali</u></p> <p><u>The Christmas story</u></p> <p>PSHE: Relationships:</p> <p>Tolerance and diversity</p> <p>British Values Focus:</p> <p>What’s in the News? – discuss topical issues.</p>	<p>PE</p> <p><u>Outdoor:</u></p> <p>4Lewis = Hockey</p> <p>4Carroll = Rugby skills</p> <p><u>Indoor:</u></p> <p>4Lewis = Gymnastics</p> <p>4Carroll = Gymnastics</p>
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Theme – Light

We are looking at light – through the lamp post in ‘The Lion, The Witch and the Wardrobe’, creating torches and lamp posts in Science, studying Diwali in RE and looking at the evacuations and air raids during the second world war (which ties in with the class book).