



KNOWLEDGE ORGANISER

YEAR: Year 4

TERM: Pentecost Term

TOPIC: The Hatters

COMPUTING

'We are Co-Authors' and 'We are Software Developers'

We will be working collaboratively to create and present a 'Wiki' page which will incorporate our existing and new knowledge of our local area. We will also build on our **coding** knowledge through Discovery Education, setting commands through a set of **codes** allowing a set of **actions** to occur, **debugging** as we go.



PSHE and RSHE

We will be learning about **lifecycles** and exploring the miraculous nature of **human conception** and **birth**. We will also be learning how to prepare for new **changes**, including some **coping strategies** and how we can learn to rely on the constancy of God.

Lifecycles – a series of changes in a life

Coping strategies – tools for adapting to challenges and managing reactions.



SCIENCE

After we have finished our work on the States of Matter - We will be covering how sound is made, **vibrations**, **pitch** and **amplitude**. Through practical investigation we will continue to develop our skills within Working Scientifically.

Vibrations - rapid back and forth movements that can be seen, felt or heard.

Pitch - a way to describe how high or low a sound is.

Amplitude - the distance a wave moves up or down from its resting position.

Percussion – the act of striking or shaking an object to make a sound.

ENGLISH

We will be studying 'Macbeth' by William Shakespeare. We will **research** the famous playwright and **create a quiz** about his life and achievements. We will also be **making predictions**, writing **character descriptions** and **newspaper reports**.

Lord Macbeth – A brave Scottish general who receives a prophecy that he will become the King of Scotland.

Lady Macbeth – A ruthless and ambitious woman, who is married to Lord Macbeth.

Glamis Castle – The location of a bloody and violent murder.



After the half term, we will be writing a review of our trip to Wardown Park Museum. We will be presenting our trip reviews to the Year 3 children as part of their transition into Year 4.

MATHS

Addition and Subtraction -Add and subtract 4 digit numbers using formal written methods. To estimate and use inverse operations to check answers.

Fractions – To solve measures and money problems involving fractions and decimals to 2 places. To recognise equivalent fractions and decimals.

Multiplication and Division - Recall of multiplication facts to 12 x 12. To learn to multiply by a formal written method.

Statistics – To look at discrete and continuous data presented in bar charts and time graphs.

Geometry – To complete simple symmetric figures with line of symmetry. Also to measure and calculate perimeter and area of rectilinear shapes.



REMINDERS

Multiplication Tables Check will take place week commencing 08 June 2026.





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GEOGRAPHY



We will be increasing our knowledge of Luton, using **reference maps** and **satellite images**, identifying the main areas within the **town**, **key buildings** and **roads**.

ART



After studying the coat of arms of the town of **Luton** and its historical significance, we will be producing a new badge using **various media**. It will include features from **modern times** and our **cultural diversity**.

P.E.

Our summer sports cover a variety of skills, playing small sided games and competing against each other.

Tennis – rallying, volleying, scoring

Rounders – batting, field, catching

Athletics - running, throwing and jumping

Swimming - basic strokes, water safety



HISTORY



In class, we will be studying the history of Luton from as early as the **Victorian era**, identifying **similarities** and **differences** between life today and life then. We will come to appreciate our **industrial heritage** and the town's history in **hat making**. To support our learning about the local area, we will be visiting the **Wardown House**, Museum and Gallery where we will take part in a **straw plaiting** workshop.

D.T.



We will be learning about healthy salads. We will be designing, creating and evaluating our healthy salads. We will use a variety of tools including, **knives**, **chopping boards** and **graters** to develop skills, including **chopping** and **grating**. In addition, we will be adding a cooked element to our delicious dishes!

MUSIC

We will be learning how to layer rhythms and syncopation.

