# Long Term Plan 2022-2023

# Year 5 (PA, LG, DP)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
PBL	How did life change for children during World War 2?	Beaumanor Hall	Why do we learn about space?	Space Centre	How does climate change affect people and communities?	<b></b>
Science		Properties and changes of materials	Earth and Space	Forces		Living Things  Animals including humans
History	World War 2 (A period in history since 1066) Holocaust (compare to current events in Ukraine).		A history of space travel  Civil rights in the US (compare to exclusion of Jewish community during WW2)			
Geography	OS maps to learn symbols and look at maps. Compare maps of Leicester pre-war with present day (link with Year 3 prior learning). Aerial photographs to show impact of bombing.		Identify the position and significance of longitude and latitude  Northern and southern hemisphereseasons		Northern and southern hemisphere (weather and climate)  Digital technology-Google Earth (rivers and mountains)  Begin to use atlases to find out other information (7 summits. Where is Uttrakhand?)  Human geographylife in Leicester with Uttrakhand)	

Art	Mark making techniques within pencil work  Negative space  Sketch books- Observational drawing skills  Projection of light (observational drawing and self portraits)	Develop confidence using a variety of medium	Develop confidence using a variety of medium (Space art and rocket art- Peter Thorpe Painting the solar system)  Holst Planets art Planets collage		Develop confidence using a variety of medium Rivers collage	
RE	Judaism- life and importance of faith to individuals and communities     Values     Diversity and community     Compare and contrast to own faith  (link to Holocaust)		What can we learn about reflecting on wisdom? (multiple faiths and spiritual leaders)  Science vs religion (heliocentric vs geocentric models of the Universe)			Hinduism- What does it mean to be a Hindu? (link to Uttrakhand).  What happens when we die? (link to stages of development in Science)
RSE	Being safe What are the risks and benefits of the internet?	What makes a community? What is diversity? (link to Holocaust/ Alan Turing?)	What affects my emotional wellbeing?	What is diversity? (link to hidden Figures)	How can we improve the safety of our local environment?	How can we stay healthy? How do we grow and change?
Computing	Internet safety	Coding and codebreaking/Alan Turing	Create a 3d model of a space craft	Start. Repeat. Events. And use of numbers when programming.	Breaking news/radio show (linked to climate change)	Produce climate change information for the school's web page.

Design and Technology	Design, make and evaluate (a purse/Anderson shelter) Join materials using appropriate methods  Making war cookies		Space vehicles		Cams, pulleys and gears (linked to moving objects down a mountain)	
French						
Music	Mamma Mia – by ABBA	Glockenspiel	Stop! – a rap song about bullying	Lean on Me	Blackbird – by the Beatles	Reflect, Rewind and Replay
PE	Sportshall athletics and fitness	Hockey and football	Gymnastics	Dance and basketball	Athletics	Rounders and tennis



# MAYFLOWER PRIMARY SCHOOL

Year 5	Key focus: Science
Project Based Learning	Faculty: Science and SDG
Is space travel and exploration important? Why do we learn about space? Should we be spending money on space exploration when there are people living in poverty? What has space travel ever done for us?	
	Sustainable Development Goals Focus:
	Space pollution
	Life on land (space monitoring of the environment eg pollution levels and deforestation).
Thinking Skills Focus: Memory Strategies	Gender Equality ('Hidden Figures').
	RRSA Articles:
	A13. Sharing thoughts freely
	A17. Access to information
	A26. Social and Economic Help
RSE:	International link:
	NASA/China/International Space Station
Diversity Focus:	
'Hidden Figures'. The untold story of <b>Katherine</b> G. Johnson, <b>Dorothy</b> Vaughan and <b>Mary</b> Jackson brilliant African-American women working at NASA and serving as the brains behind one of the greatest operations in history the launch of astronaut John Glenn into orbit.	Outdoor learning: Shadows, day and night, movement of the sun (in the playground). Movement of sun relative to Earth (demonstrate in playground/outdoor space).
Essential Questions:	Summary of the project:
<ul> <li>Describe the movement of the Earth and other planets relative to the Sun in the solar system.</li> <li>Describe the movement of the Moon relative to the Earth.</li> </ul>	Should we be spending money on space exploration when there is so much poverty on Earth?
<ul> <li>Describe the Sun, Earth and Moon as approximately spherical bodies.</li> </ul>	Why do we learn about space? What do we now know about space?

- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- What was the space race?
- What inventions has space exploration given us?
- What is space pollution?
- How much money has been/is spent on space exploration?
- Which countries are involved in space exploration? Are these rich or poor countries? Should these countries be spending money on relieving poverty instead?

How does knowledge of space help us to understand the world?

What inventions came from space travel that we wouldn't have otherwise?

Should we be spending money on space exploration (China?) when there are people all over the world living in poverty?

Knowledge of space and the solar system and how it impacts on us- what has this knowledge given us as a global community (inventions)

<a href="https://www.jpl.nasa.gov/infographics/infographic.view.php?id=11358">https://www.jpl.nasa.gov/infographics/infographic.view.php?id=11358</a>

<a href="https://www.theguardian.com/science/2003/feb/06/spaceexploration">https://www.theguardian.com/science/2003/feb/06/spaceexploration</a>

- China and the space race- look at global poverty and space pollution- pros and cons of space travel.

## **Key Vocabulary:**

Earth, planets, Sun, solar system, celestial body, sphere/spherical, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, 'dwarf' planet, orbit, opinion/fact, accuracy, precision, scatter graphs, line graphs, support/refute

Moon, celestial body, rotate/rotation, spin, night & day, orbit, opinion/fact, support/refute

orbit, geocentric & heliocentric models, opinion/fact, accuracy, precision, scatter graphs, line graphs, support/refute, orrery star, rotate/rotation, spin, axis, night and day, shadow clocks, sundials, astronomical clocks opinion/fact, variables, accuracy, precision, support/refute

shadow clocks, sundials, astronomical clocks opinion/fact, support/refute, time-zone, Greenwich Meantime, gnomon (Greek sundial)

eclipse, light, reflection, telescope, satellite, tide, mass, gravity

## **Prior Learning:**

Observe changes across the four seasons (Year 1)

Observe and describe weather associated with the seasons and how day length varies. (Year 1)

Find patterns in the way that the size of shadows change. (Year 3)

# **Key History Skills:**

Place current historical topic on a time line in relation to other historical events – Space Race and Space exploration up until current year. Know and sequence key events of time studied.

Examine causes and results of great events and the impact on people – Hidden Figures, Civil Rights

Compare an aspect of life with the same aspect in another period - Civil Rights

Offer some reasons for different versions of events – analysing Civil Rights from photographs

Begin to identify primary and secondary sources.

Use evidence to build up a picture of life in time studied.

Select relevant sections of information.

Confidently use textbooks and the internet for research.

# **Key Science Skills:**

Ask questions and understand how they can be answered through scientific enquiry (pattern seeking, fair testing, observation over time, research, classifying and grouping)

Take detailed measurements using appropriate and self-selected equipment and with support, begin to challenge trends within the data Can confidently plan different types of scientific enquiry appropriate to test the hypothesis

With support, generate complex and defined criteria to help group and classify outcomes

With support, record data and results in a range of increasingly complex ways (scientific diagrams, labels, classification keys, scatter diagrams, bar and line charts, using scientific vocabulary

With support, use scientific and technical vocabulary when analysing their findings

#### Launch:

Space objects



Watch videos/listen to sounds of space/rocket launch.

KWHL grid

#### Outcome:

Persuasive speech/video about why we should or shouldn't engage in space exploration.

Debate/P4C

# **MAYFLOWER PRIMARY SCHOOL**

Year 5 Project Based Learning What was it like for children during war time?	Key focus: History Faculty: Humanities			
Thinking Skills Focus: Visual tools for metacognition: Mind maps, storyboards, sketching, conceptual frameworks (flow charts, maps, Venn diagrams etc), graphic organisers, dual coding	Sustainable Development Goals Focus: SDG 16 – Peace and justice (comparison between evacuees from WW2 and current time period)  SDG 12 – Responsible consumption (Make, do and mend) SDG 5 – Gender equality  RRSA Articles: A2. No discrimination A14 Freedom of thought and religion A20. Children without families A27. Food, clothing and a safe home A38. Protection in War			
RSE:	International link:			
Diversity Focus: Looking at life from different perspectives e.g. Jewish child (Rose Blanche, Kinder transport) German child Other evacuees Nazi persecution of different groups of people such as Jews, homosexuals, less abled people, Romany community, political activists etc. Alan Turing (LGBTQA+)	Outdoor learning: Beaumanor Hall, Dig for Victory at the school allotment			

#### **Essential Questions:**

What were the causes of WW2?

Which countries were involved?

What was the impact/change on other countries?

What was life like for children in Nazi occupied Europe?

How did the relationship between countries change?

What was the Blitz and how did it affect the British people?

How did life change for children during war time?

Why were children evacuated and how did it affect their lives?

What was Kinder transport?

What was life like on the home front?

Why was food rationed and how did people adapt to it?

What kind of toys did children play with and how were they different to modern day toys?

How did the war affect the education of children?

What was the changing role of women in WW2?

What was the Holocaust and what can we learn from it?

# **Summary of the project:**

Describe main events of the war and work on chronology. More in depth research whereby each class become experts in their field in a particular area. Looking specifically at the life of children.

CS – Looking at toys

MP - Looking at clothes

PA – Looking at rationing

Prepare for experience days - Each class to put children in the role of experts to teach each class their knowledge.

To develop children's knowledge and understanding on war and conflict. To make connections and comparisons of life today. To devise historically valid questions about change.

To gain a chronologically secure knowledge.

Children should understand how our knowledge of the past is constructed from a range of sources.

Link to local history in Leicester.

#### **Key Vocabulary:**

Evacuation/evacuee Gestapo Blitz

Doodlebug Holocaust siren air raid

shelter Nazi

Swastika Rationing Refugee

# **Prior Learning:**

- Children should have prior knowledge on Romans from Year 4
- Stone Age Year 3
- Great Fire of London Year 2
- Toys from the past Year 1

### **Prior Key History Skills Learning:**

• Chronology – places events on a timeline ( Yr 1 – toys from the past, Year 2 - The Great Fire of London, Yr 3 - The Stone age Yr 4 -Romans)

Geography Map work – identifying Allied and Axis countries on a map	

# **Key History Skills:**

# Chronology

- Place current historical topic on a timeline in relation to other historical events.
- Relate current topic to previous topics, ensure emphasis on Great Fire of London, Stone Age as the longest period on the
- Timeline, Romans.
- Know and sequence key events of time studied (key sequence to the rise of Hitler and invasions).
- Use relevant terms and period labels on the time line.

#### Range and Depth of Historical Knowledge

- Study different aspects of life during WW2 specifically for children and the impact of great events on them.
- Compare the aspect of life for children in Britain, evacuees, Rose Blanche (a non-Jewish German child) and Jewish children.

# **Interpretations of History**

• Compare accounts of events from different sources, fact or fiction? Offer reasons for different versions of events i.e these are real interviews from people who lived through these events. Primary and secondary sources and the validity of these sources/bias.

# **Historical Enquiry**

Confidently use textbooks and the internet for research.

# **Organisation and Communication**

- Recall, select and organise historical information.
- Communicate their knowledge and understanding through discussion, drawing pictures and writing.

# **Launch and Process:**

- Recreating the Siren and blackout.
- Watching the clip from the lion, the witch and the wardrobe.
- Displaying a picture of an evacuee child. What do the children notice? How is the child different from themselves?
- What can the children see?
- How do they feel?

#### Outcome:

To gain knowledge and expertise to allow them to adopt a child centred approach whereby they are responsible for organising an Experience Day for each of the different topics above.

To answer the question – How were children affected during WW2? For example: a Jewish child in Europe, a German child who was a bystander and a British evacuee.

Curriculum Objectives	Vocabulary				Links across the curriculum
<ul> <li>Ancient Greece – a study of Greek life and achievements and their influence on the Western World</li> <li>SDG 16: Peace, Justice</li> </ul>	democracy Greece Athens Sparta Classical Golden Age frieze philosophy	civilisation laws rulers states warfare  pottery architecture	culture slave religion Gods/goddesses soldiers statues Olympics	Laws and justice archaeology theatre site Myths and legends alphabet	Geography – maps Literacy – Myths and Legends PSHCE / RE– stories as moral lessons
Lesson Sequence  1. When and where was Ancient Greece?	Timelines:      British History      World History      Don't forg	3500 3000  Stone Age to Iron Age	2500 2000 1500 1000 500 1 50  Roman  Roman Empire  Ancient Egypt  Weste	In CE 395, The Roman mpire was split into East and West by the emperor.	<ul> <li>Key Skills</li> <li>Place current historical topic on a time line in relation to other historical events.</li> <li>Know and sequence key events of time studied.</li> <li>Use relevant terms and period labels.</li> <li>Relate current historical topic to previous topics.</li> <li>Make comparisons between different times in history.</li> </ul>

	British History  Stone Age - Iron Age  Stone Age - Iron Age  Stone Age - Iron Age  Norld History  Ancient Egypt  Romans  Indus Valley  Ancient Greece  Shang  Ancient Sumer  BCE  CE	
2. Who were the Ancient Greeks?	<ul> <li>Know the interactions and concurrence between the Greeks and other areas studied</li> <li>Understand how the Greeks impacted on Roman Britain and therefore the rest of Western Civilisation</li> <li>Understand the position of the Ancient Greeks on a timeline and a map (including Ancient Greece, Athens, Sparta)</li> <li>Know about the 'Classical Golden Age'</li> </ul>	
3. What was life like?	<ul> <li>Know about the city states – Athens Sparta – how they were ruled, lives of men, women, children, warfare, slaves, culture and religion</li> </ul>	<ul> <li>Study different aspects of life of different people</li> </ul>
4. What do artefacts tell us about what life was like in Ancient Greece?	Know about Ancient Greek life including soldiers, ships, gods and goddesses, rulers, writing and everyday life (link to archaeological sites such as temple of Apollo at Delphi / Parthenon)	<ul> <li>Know how to infer information from artefacts about everyday life in Ancient Greece</li> <li>Understand the limits of using artefacts on their own</li> </ul>
5. Can we learn anything from Greek Myths and Legends?	Understand the importance of myths and legends in Greek society – social teachings, group gatherings	<ul> <li>Use evidence to build up a picture of life in time studied</li> <li>Select relevant sections of information</li> </ul>
6. Who on earth was Alexander the Great?	<ul> <li>Know who Alexander the Great was and why he was important</li> <li>Understand his cultural impact</li> </ul>	<ul> <li>Confidently use textbooks and the internet for research</li> <li>Construct informed responses that</li> </ul>
7. Which is the most important legacy of the Ancient Greeks?	Understand how Ancient Greece impacted modern buildings, language, the Olympics, democracy etc.	<ul> <li>involve thoughtful selection and organisation of relevant Historical information.</li> <li>Communicate their knowledge and understanding through discussion, drawing pictures, drama and role play, making models, writing and ICT.</li> </ul>
Golden Threads: court	Second order concepts: Historical significance, Change and continuity,	

Civilisation	Sources and evidence, Historical	Year 4 - Romans in Britain (concurrence/impact), Romans in world history (interaction and
Democracy	interpretation	impact).
Slavery		Year 5 - WW2 – laws / justice
Society		Year 6 - Crime and Punishment
Trade		Year 6 - The Maya - The story of the 'Jaguar day and night' god is very similar to the
		Greek myth of Helios.
		Is the way the Maya explain their universe similar to, or different from, the way other
		societies do?
		Local history: Local courts

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	Year :	5 - How did life ch	ange for children	during WW	<u>12?</u>		
Curriculum Objectives	Vocabulary				Links across the curriculum		
A study of an aspect or theme in British history that extends pupil's chronological knowledge beyond 1066	Blitz Evacuee/evacuation  Rationing Shelter- Anderson, Morrison, communal persecution	dictatorship Holocaust ghetto Concentration camp Kindertransport Nazi	Political party codebreaking  Enigma Allies, axis, neutral controlled victory invasion	refugees	Geography – map skills ICT – code breaking PSHCE – Turing – homophobia/persecution, Ukraine and current War etc RE – Jewish life/Judaism RRSA – rights of a child and law Assembly - Communicate their knowledge and understanding through discussion, drawing pictures, drama and role play, making models,		
SDG 2: Zero Hunger SDG 4: Quality Education SDG 5: Gender Equality SDG 16: Peace and Justice Stro Lesson Sequence  1. What did we learn in Year 4? How are timelines organised? What are the overall and internal narratives? (Children need to know what they will go on to learn in Year 6) Living timeline	Key Knowledge  Understand beyon  Know how timelin  Understand period  Understand overa  Know about the la	nd and within living es work (maths link ds of time all and internal narr	memory using the		<ul> <li>Writing and ICT</li> <li>Key Skills</li> <li>Reading timelines e.g. an arrow is a singular event, a bar is a period of time, if the bars touch each other there was interaction, if they are not touching, they are concurrent</li> <li>Place the time studied on a timeline.</li> <li>Sequence several events or artefacts.</li> <li>Use dates relating to the passing of time.</li> <li>Place events from period studied on a time line.</li> <li>Use terms related to the period and begin to date events.</li> <li>Understand more complex terms e.g BCE/CE/Century</li> <li>Identify key features and events of time studied.</li> </ul>		

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2. What were the causes of WW2?	Understand the Treaty of Versailles and other reasons for WW2	<ul> <li>Examine causes and results of great events and the impact on people</li> <li>Compare accounts of events from different sources – fact or fiction</li> </ul>
Which countries were involved in WW2?	<ul> <li>Understand which countries were Axis, Allies, Axis-controlled countries and neutral countries</li> </ul>	<ul> <li>Begin to identify primary and secondary sources</li> </ul>
4. What was it like as a British child evacuee?	<ul> <li>Understand the value of the memories of someone who was really there</li> <li>To gain a deeper knowledge of the life of an evacuee through the eyes of a child – first person narrative and visitor (Ama)</li> </ul>	<ul> <li>Study different aspects of life of different people</li> <li>Offer some reasons for different versions of events</li> <li>Begin to identify primary and secondary sources</li> </ul>
5. What was the Blitz and its impact?	<ul> <li>Know what the Battle of Britain (luffwaffe)</li> <li>Know what the Blitz was</li> <li>Know when it happened</li> <li>Know which cities were affected</li> <li>Understand the impact on people and children (inc air raids) Trip to Beaumanor</li> </ul>	<ul> <li>Examine causes and results of great events and the impact on people</li> <li>Compare accounts of events from different sources – fact or fiction</li> <li>Offer some reasons for different versions of events</li> <li>Recall, select and organise historical information.</li> </ul>
6. What was the impact on children?	<ul> <li>Understand food rationing</li> <li>Know about toys</li> <li>Understand the changing roles of women and how that would have impacted children</li> </ul>	Examine causes and results of great events and the impact on people
7. What was life for Jewish people before WW2?	<ul> <li>Know what everyday life for Jewish people before WW2 using photographs as a primary source</li> </ul>	<ul> <li>Compare life in early and late times studied</li> <li>Study different aspects of life of different people</li> </ul>

		<ul> <li>Compare an aspect of life with the same aspect in another period.</li> </ul>
8. How did the Nazi's persecute Jewish people i Germany?	<ul> <li>Know about the Nuremburg laws</li> <li>Understand the Holocaust</li> </ul>	<ul> <li>Offer some reasons for different versions of events</li> <li>Select relevant sections of information</li> <li>Construct informed responses that involve thoughtful selection and organisation of relevant Historical information.</li> </ul>
9. How did the Kinder transport save Jewish children?	<ul> <li>Know what the Kinder transport was</li> <li>Understand how this saved children during WW2</li> <li>Know about the heroes of the Kinder transport</li> </ul>	<ul> <li>Use evidence to build up a picture of life in time studied</li> <li>Confidently use textbooks and the internet for research</li> </ul>
10. What was the Holocaust? How did the Holocaust affect children?	<ul> <li>Understand the Holocaust</li> <li>Understand what happened to children who did not esc Frank)</li> </ul>	<ul> <li>Examine causes and results of great events and the impact on people</li> <li>Offer some reasons for different versions of events</li> </ul>
Golden Threads:  army nation/nation conflict peace country political paid democracy power enemy rights immigration war migration freedom	evidence, Historical interpretation	Links across the history curriculum: Year 2 - Changing roles of women – Mary Secole, Edith cavell Year 3&4 - Romans, Scots, Vikings: invasion Year 5 - Ancient Greece: democracy Local history: Blitz and bombing of Evington, Highfields and city centre Ama Whitney/first person accounts of life as an evacuee

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