



# Girton Glebe Primary School Curriculum Organiser

Year 6 (Oak Class) - Spring Term 1 & 2

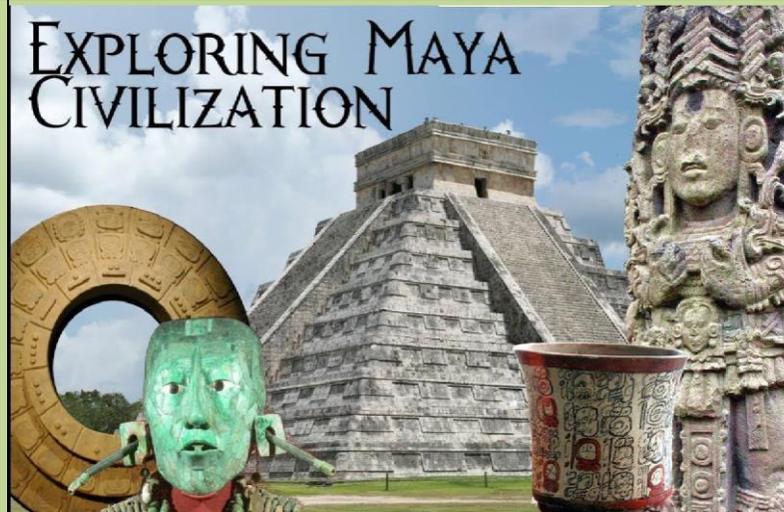
## Key Skills

### Geography:

- develop contextual knowledge of the location of globally significant places
- understand the processes that give rise to key physical and human geographical features of the world

### History:

- gain and deploy a historically grounded understanding of abstract terms such as 'empire', 'civilisation', 'parliament' and 'peasantry'



## Key Vocabulary

civilisation	ritual	maize	Mesoamerica
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## Key Knowledge

- Say where the ancient Maya people lived, naming some major features and cities in them.
- Know some of the main Maya gods and what they represented. Explain different ritual elements of the ancient Maya religion and describe some of the main gods in greater detail.
- Read and write some Maya numbers, explaining what syllabograms and logograms are. Research and provide some of their own ideas about the significance of corn and chocolate.
- An understanding of ancient Maya culture and history by composing their own historically valid accounts about different aspects of the Maya civilisation



- understand historical concepts such as continuity and change, cause and consequence, similarity, difference and significance, and use them to make connections, draw contrasts, analyse trends, frame historically-valid questions and create their own structured accounts, including written narratives and analyses	drought	scribes	cocoa beans	pyramids	
	jaguar	codices	pok-a-tok	pagan	

## English:

We will be predominantly using the following texts in our English and reading sessions:

Fiction: Rainplayer; Floodlands; The Arrival

Non-fiction: Explore! Mayan Civilisation; DK Findout! Maya, Incas and Aztecs; History in infographics: The Maya; Ancient Maya (The Ancient World)

### During this topic we will cover the following skills:

Discrete lessons linked to our end of KS2 spelling, punctuation and grammar objectives.

Narrative/ descriptions based on picture books.

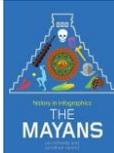
Maintain positive attitudes to reading and understanding of what they read by:

- Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Reading books that are structured in different ways and reading for a range of purposes
- Identifying and discussing themes and conventions

in and across a wide range of writing

Understand what they read by:

- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Predicting what might happen from details stated and implied
- Identifying how language, structure and presentation contribute to meaning
- Retrieving, record and present information from non-fiction - Participating in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously
- Explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary
- Provide reasoned justifications for their views.



## Science:

This half term we will be focusing on The Game of Survival (Evolution & Inheritance) and Active Science

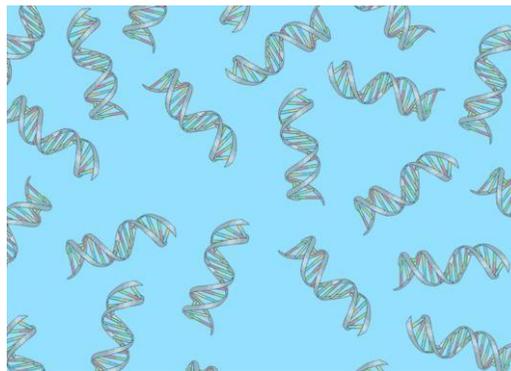
During these topic we will cover the following:

### The Game of Survival

This unit builds on the children's learning from the Year 3 Rocks unit as well as the Animals including Humans and Living Things and their Habitats units. As such, it is important that children have the appropriate understanding of fossils, habitats and human development in order to grasp the concepts and ideas presented to them in these lessons, which links well to our Maya topic and with the Rainforest often a focus of a case study. Children will learn about variation and adaptation. They will be able to explore how both Charles Darwin and Alfred Wallace separately developed their theories of evolution. They will examine the scientific evidence from plants and animals that has been gathered to support the theory of evolution.

### Active Science

- Heart monitors to measure heart beat before and after exercise
- Making measurements with laboratory equipment
- Running with parachutes to teach wind resistance and other forces as well as measuring distances with trundle wheels
- Using tape measures and measuring sticks accurately.



## Maths:

This half term we will be focusing on measurement and algebra.

### Measurement

- Consolidation of measurement topics from across KS2
- solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate
- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places
- convert between miles and kilometres
- recognise that shapes with the same areas can have different perimeters and vice versa
- recognise when it is possible to use formulae for area and volume of shapes
- Calculate the area of parallelograms and triangles
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units [for example, mm<sup>3</sup> and km<sup>3</sup>].

### Algebra

- Recognising 2D and 3D shapes
- Use simple formulae
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy an equation with two unknowns
- Enumerate possibilities of combinations of two variables.



<p><b>Computing:</b> In computing, we will develop our skills and understanding e-safety.</p> <p>During this topic we will cover the following themes/ topics:</p> <ul style="list-style-type: none"> <li>• Online purchases</li> <li>• Sharing personal information</li> <li>• Isolating others</li> <li>• Cyber bullying</li> <li>• Spending too much time online</li> </ul>	<p><b>PSHE:</b> In PSHE we will be thinking about ‘Working Together’ and ‘Managing Risks’</p> <p>We will cover the following skills:</p> <ul style="list-style-type: none"> <li>• Naming some of their own strengths and skills.</li> <li>• Identifying a new skill to develop.</li> <li>• Understanding and practising group work skills, including discussion, negotiation and co-operation.</li> <li>• Understanding, discussing and managing risks.</li> </ul>	<p><b>R.E:</b> This half term we will be looking at Islam – Being a Muslim and Being a Sikh and Sikh worship.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> <li>• Explaining what a place of worship is and naming some places of worship.</li> <li>• Naming something that happens in places of worship.</li> <li>• Identifying some similarities between the places of worship we have studied.</li> <li>• Understanding the daily life and rituals for a person of religion</li> <li>• To develop positive attitudes and values and to reflect and relate their learning in RE to their own experience</li> </ul>
<p><b>Art/DT:</b> As artists, we will be using a range of tools and materials to create drawing and colour linked to our Maya project including printing and screen printing. In DT, we will create Maya jewellery, Maya houses (mud and sticks), weaving a blanket and Maya food incl. chocolate.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> <li>• Study the effect of light on an object; focusing on artists like Donoso, Feliciano Centurion and Clemencia Lucena.</li> <li>• Experiment with tools and materials</li> <li>• Critically analyse existing art and use these as inspiration.</li> <li>• Experimenting with weaving techniques.</li> </ul>	<p><b>Music:</b> In music, we will be building and playing simple woodwind instruments to recreate Maya traditional song.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> <li>• Listening to different pieces of music from different cultures, describing and discussing what we can hear.</li> <li>• Being able to name instruments and talk about what type of sound they make</li> <li>• Composing a piece of music as a group, using simple pictures to create a ‘graphic score’ for their piece.</li> <li>• Investigate the sounds that an instrument can make.</li> </ul>	<p><b>PE:</b> In PE will be using a range of skills for invasion games and a Maya themed dance topic.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> <li>□ Promote and develop physically literacy</li> <li>• Work collaboratively and individually when responding physically to music</li> <li>• Develop skills associated with invasion games through different activities and game scenarios</li> </ul>

### Class notices

**PE:** Sessions take place on Monday and Tuesday. As before, children will need to come into school in their PE kit for their PE days.

**PPA:** Cambridge United education leaders will teach your child for PPA this half-term (Tuesday PM). These sessions will be Active Science and Invasion games this halfterm.

**Reading:** Continuing to try and read for pleasure around 20minutes daily and using our reading journals to show when we are reading.

**Maths fluency:** Daily times tables weekdays. We will also be reintroducing some online platforms to help with this alongside the timestables books. Please keep an eye out for emails relating to Mathletics and Timestable Rockstars.

**Spellings:** Spellings will continue to be handed out for daily weekday practise before the weekly test on a Friday.

**Homework:** Weekly homework will continue to be set **Fridays** and then typically due the next **Tuesday**. Maths homework will be linked to our weekly lesson focus that week as way of consolidation. English will be ongoing SPaG, reading and writing focus.