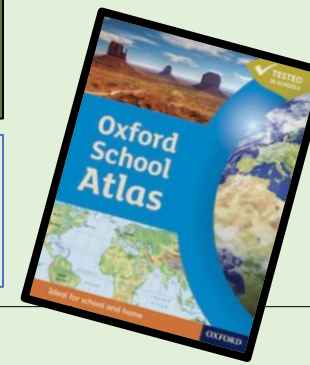


# Let's map it!

**Summary:** Matha loves to map everything out from space, to her street to her home. Martha is going to help us map out our learning this half term, in fun and creative ways. It is amazing what you can create using simple maps and drawing!



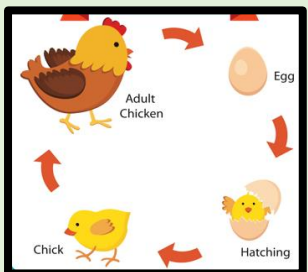
## Science

**Animals including Humans – Life cycles**

Animals, including humans have offspring which grow into adults.

Each animal, including humans, follows a cycle of life, that can easily be mapped out into a simple cycle.

Throughout this unit we will explore the lifecycle of humans, chickens, butterflies and frogs.



## The Arts

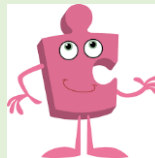


### **Music:**

You can use your imagination to create wonderful pieces of music. We will continue to explore music and pulse and will be learning to play the ukelele with Mr. Hall the 'Music Man'.

### **DT:**

Research, design, make and use are all key elements of our DT lessons. We are going to plan and make our own pencil cases using a range of methods to join material such as sewing, gluing and fastening.



### **PSHE:**

Celebrating differences!

Everyone is unique, no two people are the same. These similarities and differences should be celebrated. We will be thinking about the importance of being kind to everyone, challenging stereotypes and thinking about bullying and the impact it has on ourselves and others.

## Humanities

### **History:**

History is not explicitly taught this half term however; we will be using our prior knowledge of the birthplaces of significant people; Rosa Parks and Edith Cavell when looking at the world map in Geography. We will be able to find the country and identify the continent it is located in.

### **Geography:**

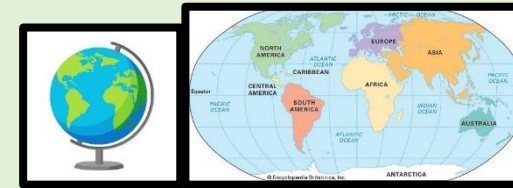
**Locate the continents and oceans of the world.**

The world is made up of 7 continents : Asia, Europe, Africa, North America, South America, Australia and Antarctica. and 5 oceans: Pacific, Atlantic, Indian, Arctic and Antarctic. We can use atlas globes and world maps to locate these.

### **RE:**

### **Christianity**

This half term we will be thinking about Christmas and exploring why Christians believe that God gave Jesus to the world.



## Key Vocabulary

- Lifecycle
- Fetus
- Womb
- Offspring
- Reproduction
- Transformation
- Metamorphosis
- Froglet
- Sew
- Join
- Design
- Plan
- Evaluate
- Asia
- Europe
- Africa
- North America
- South America
- Australia
- Antarctica
- Continent
- Ocean
- Atlas
- Pacific ocean
- Atlantic ocean
- Indian Ocean
- Arctic Ocean
- Antarctic Ocean
- Similarities
- Differences
- Assumptions
- Stereotypes
- Bullying
- Feelings
- Diversity
- Unique
- Values

**Literacy/ Writing**

Develop positive attitudes towards and stamina for writing by:  
Writing about real events ,Writing poetry and  
Writing for different purposes

consider what they are going to write before beginning by:  
planning or saying out loud what they are going to write  
about, writing down ideas and/or key words, including new  
vocabulary, encapsulating what they want to say, sentence by  
sentence

Write punctuated sentences: full stop, capital letters,  
exclamation marks, question marks.

**Computing**

understand what algorithms are; how they are implemented  
as programs on digital devices; and that programs execute by  
following precise and unambiguous instructions

create and debug simple programs

use logical reasoning to predict the behaviour of simple  
programs

**Geography**

name and locate the world's seven continents and five oceans

use world maps, atlases and globes to identify the United  
Kingdom and its countries, as well as the countries, continents  
and oceans studied at this key stage

use simple compass directions (North, South, East and West)  
and locational and directional language [for example, near and  
far; left and right], to describe the location of features and  
routes on a map

**Maths (Autumn term)**

Count in steps of 2, 3, and 5 from 0 in tens from any number,  
forward and backward.

Recognise the place value of each digit in a two-digit number  
(tens and ones)

Compare and order numbers from 0 up to 100 use < > and =.

Read and write numbers to at least 100 in numerals and in  
words.

Recall and use addition and subtraction facts to 20 fluently and  
derive and use related facts up to 100.

add and subtract numbers using concrete objects, pictorial  
representations, and mentally, including:  
a two-digit number and ones  
a two-digit number and tens  
two two-digit numbers  
adding three one-digit numbers

identify and describe the properties of 2-D shapes, including  
the number of sides and line symmetry in a vertical line.

- identify and describe the properties of 3-D shapes,  
including the number of edges, vertices and faces
- identify 2-D shapes on the surface of 3-D shapes, [for  
example, a circle on a cylinder and a triangle on a pyramid]
- compare and sort common 2-D and 3-D shapes and  
everyday objects

**DT**

design purposeful, functional, appealing products for themselves and  
other users based on design criteria

generate, develop, model and communicate their ideas through talking,  
drawing, templates, mock-ups and, where appropriate, information and  
communication technology

select from and use a range of tools and equipment to perform practical  
tasks [for example, cutting, shaping, joining and finishing]  
select from and use a wide range of materials and components, including  
construction materials, textiles and ingredients, according to their  
characteristics

evaluate their ideas and products against design criteria

**Music**

Use their voices expressively and creatively by singing songs and speaking  
chants and rhymes.

Play tuned and untuned instruments musically .

**Science**

Notice that animals, including humans, have offspring which grow into  
adults.

**PSHE**

the importance of respecting others, even when they are very different  
from them (for example, physically, in character, personality or  
backgrounds), or make different choices or have different preferences or  
beliefs

about different types of bullying and help to help yourselves and others.

# Let's map it out

## Engagement

We have a very special experience coming into school soon- We are going to hatch chicks! Children will get to watch the chicks hatch from eggs and see the chicks begin to grow. (January 24)



As Geographers we will be learning about the . We will be thinking about the 7 continents and the main oceans that surround them.

As scientists, we will be learning about animals, including humans, and their cycles of life. We will be creating our own lifecycles to represent some animals.

As Musicians we will be exploring music and playing musical instruments when taking part in the 'music man' sessions.

In DT we will be designing, making and evaluating our own pencil case projects. We will exploring different ways to join materials such as sewing and glue.

## Engage

We will be learning about life cycles by experience the life cycle of a chick hands on.

## Educate

We will foster a love of learning as we explore the continents of the world and all the wonders they have to offer.

## Empower

We will be thinking about respecting each other and celebrating our differences. It is important to be kind to one another and we will think about how to achieve this in class.

## Product / Experience / Outcome

Pencil cases as a Christmas gift/ for themselves  
Sharing their chick stories – Recording/ reading/ sharing online.

# Homework ideas

<p>Can you write a set of instructions for a simple everyday routine? (Algorithms)</p> <p>Such as making a sandwich, going to bed, getting up, going to the park etc</p> <p>Make sure you add lots of details.</p>	<p>Can you choose an animal and create a representation of their lifecycle?</p> <p>Try to choose one different from the ones we have done in our science lessons.</p> <p>You could do a turtle, dog, insect etc.</p>	<p>Can you practice your handwriting, ensuring all your letters are correctly formed?</p> <p>Use the formation sheets to support you!</p> <p>(See teacher for sheets)</p>	<p>Can you research, design, make and evaluate a new product using materials you have at home?</p> <p>You could make a robot, pillow, castle, stuffed toy etc</p> <p>Make sure to take photographs of each step!</p>
<p>Can you create your own number cards to 100?</p> <p>Can you place the cards in order?</p> <p>Can you pick two numbers and add them together?</p>	<p>Can you draw a map of the world – making sure you add all 7 continents and the oceans?</p> <p>Can you add some countries to your map?</p> <p>Can you add what animals you may find in each continent?</p>	<p>Can you create your own music at home?</p> <p>You could practice and play an instrument or even make your own instrument.</p> <p>Can you create simple rhythms and perform to your family.</p>	<p>Can you create a poster explaining why bullying is not ok?</p> <p>Think about how to be a kind friend and how to make friends also!</p> <p>Make sure you add some lovely drawings.</p>



Please  
practice  
reading and  
writing  
these  
words.

# Year 1 and 2 Common Exception Words

## Year 1

the	they	one
a	be	once
do	he	ask
to	me	friend
today	she	school
of	we	put
said	no	push
says	go	pull
are	so	full
were	by	house
was	my	our
is	here	
his	there	
has	where	
I	love	
you	come	
your	some	

## Year 2

door	gold	plant	clothes
floor	hold	path	busy
poor	told	bath	people
because	every	hour	water
find	great	move	again
kind	break	prove	half
mind	steak	improve	money
behind	pretty	sure	Mr
child	beautiful	sugar	Mrs
children	after	eye	parents
wild	fast	could	Christmas
climb	last	should	everybody
most	past	would	even
only	father	who	
both	class	whole	
old	grass	any	
cold	pass	many	





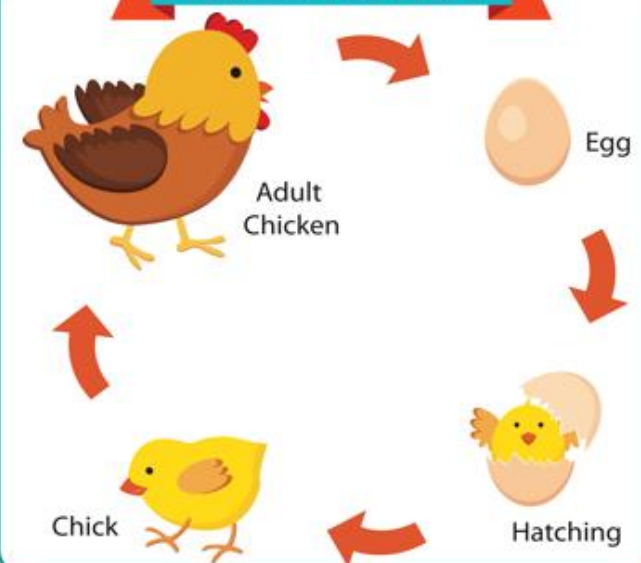
Lesson Sequence

-  **1. Learn how to order the stages of the human life cycle**
-  **2. Describe the stages of life from adulthood to old age**
-  **3. Learn how to match offspring to their parent**
-  **4. Explore the life cycle of a chicken**
-  **5. Describe the life cycle of a butterfly**
-  **6. Explore the life cycle of a frog**

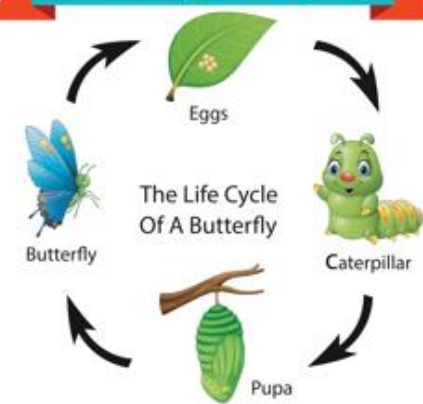
Human Life Cycle



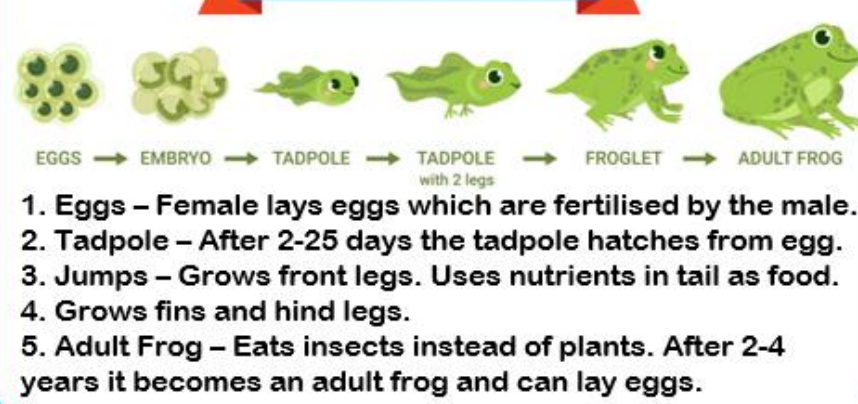
Chicken Life Cycle



Butterfly Life Cycle



Frog Life Cycle





**Rocket Words**

life cycle	a diagram showing the changes in the life of a living thing
foetus	a baby growing inside its mother's womb
womb	area of the mother's body where the foetus grows
offspring	the child, or young, of an animal or plant
reproduction	the process of producing offspring
transformation	a change in appearance or form
metamorphosis	the processes of insects, and some animals, developing into adult forms through a cycle of change
froglet	a young frog that has recently changed from being a tadpole



**Name and locate the seven continents**

1. Antarctica
2. Africa
3. **Asia – the biggest continent**
4. Europe
5. North America
6. South America
7. Australia (Oceania)



**Facts:**

- The world is made up of many countries.
- The countries can be grouped into continents.

**Name and locate the five oceans**

1. Arctic Ocean
2. Atlantic Ocean
3. Indian Ocean
4. **Pacific Ocean – the biggest ocean**
5. Southern Ocean



**Facts:**

- The large amounts of water between each continent are called oceans.
- Some of the continents are joined by land. Others are separated by oceans.

**Key Vocabulary:**

North, east, south, west	Ocean (all names above)	Continent (all names above)
globe	atlas	Hemisphere (northern and southern)
South Pole, North Pole	physical features	human features



**Why is the story of the Buddha important to Buddhists?**

**Buddhism began around 2500 years ago in ancient India.**



**Siddhartha Gautama is a prince who became known as the Buddha.  
He thought he could help people live their life in a less selfish and greedy way – these became a key part of his teachings.**

**Buddhists believe that humans are responsible for their own path which involves thinking about what you say and do.  
Buddhists look to the Buddha as a role model.**



**Buddhism does not have a God. The Buddha is a person who has reached enlightenment.**



## Key Vocabulary

<b>Siddhartha Gautama</b>	A prince who became known as the Buddha.
<b>Buddha</b>	A person who has reached enlightenment.
<b>Enlightenment</b>	Understanding the world, how it works and the meaning of life.
<b>Greed</b>	Wanting too much of something and this can lead to not sharing and being unkind.
<b>Selfish</b>	Thinking of yourself first and not considering others around you.