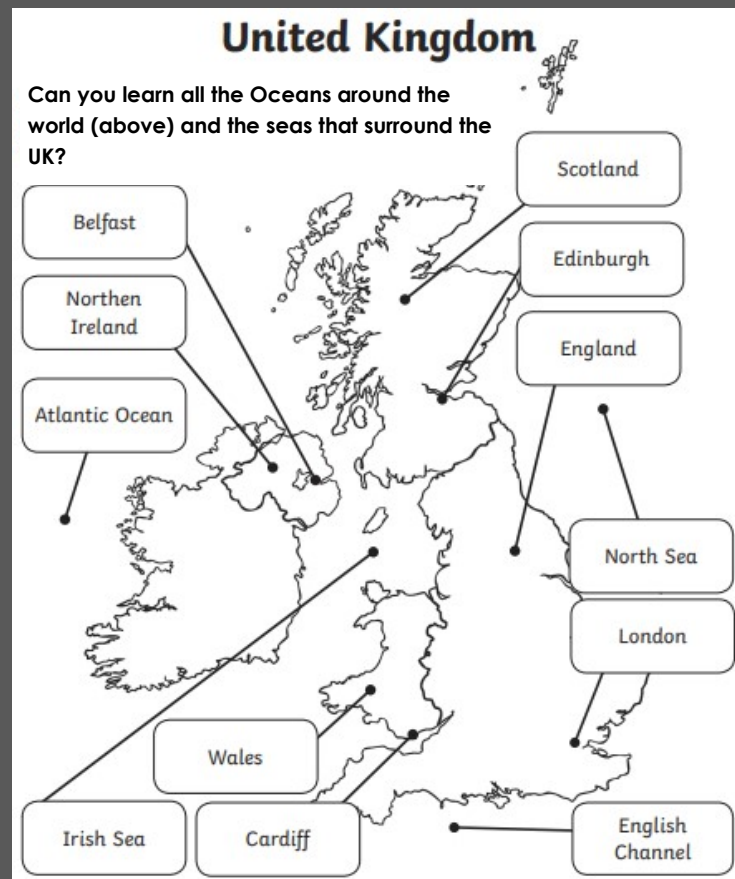
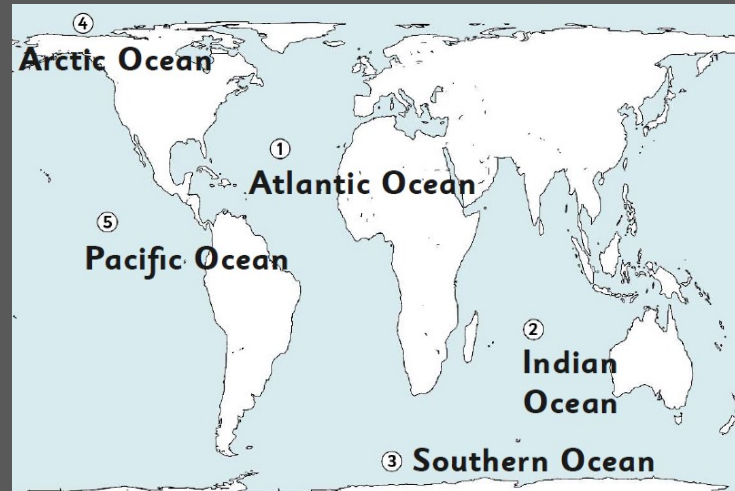


# GEOGRAPHY - TERM: LENT 2

## OCEANS ALL AROUND THE WORLD



Can you learn all the Oceans around the world (above) and the seas that surround the UK?

Can you begin your own research into the "Thee R's" - Reduce, reuse and recycle?

## PLASTIC POLLUTION

One of the biggest problems facing our oceans and the creatures that live there is the amount of plastic pollution. Here are some statistics to learn before we deepen our learning later this term.

**2050** is the year experts think the amount of plastic in the ocean will weigh more than the amount of fish

There is also the problem of micro-plastics

'Trash islands' are becoming a lot more common

**500 - 1,000** years is how long it could take for some plastics to break down

Not ALL plastics are recyclable

Single-use plastics make up 40% of the plastic made every year

**LAND & SEA**

Over the last 10 years we have made more plastic than during the last...

Plastics have been consumed by land based animals, as well as marine life

**100 YEARS**

**1 MILLION** plastic bottles are bought around the world every minute

Plastics can now be found on every beach in the world

# SCIENCE - TERM: LENT 2

## ANIMALS INCLUDING HUMANS

### Animals Including Humans

t l i f e c y c l e w o  
a g p e o a t s i n c a  
d r u t a i n c g o h a  
o t b u s b i x r s i i  
l g e s t a t i o n l l  
e l r y s b n a w k d e  
s s t w e y n t t t o a  
c t y o w n t o h f e d  
e t c t e e n a g e r u  
n r e p r o d u c e h l  
c a p i n t o f h o n t  
e e y t o d d l e r o h

puberty	baby
life cycle	toddler
gestation	child
growth	adolescence
reproduce	teenager
fetus	adult

### Sticky Knowledge about Life Cycles

- ❑ The years between 6 and 14 - middle childhood and early adolescence - are a time of important developmental advances that establish children's sense of identity.
- ❑ Many insects have four stages in their life cycle: egg or the unborn stage; larva - young stage; pupa - inactive no feeding) stage; and, adult stage.
- ❑ In general, the life cycles of plants and animals have three basic stages including a fertilized egg or seed, immature juvenile, and adult. However, some organisms may have more than 3 life cycle stages, and the exact names of each stage can slightly differ depending on the species.
- ❑ The early years, especially the first three years of life, are very important for building the baby's brain. A child's brain develops rapidly during the first five years of life, especially the first three years. It is a time of rapid cognitive, linguistic, social, emotional and motor development.

Approximate size of a human foetus (unborn baby) during the gestation period (pregnancy).

- Poppy seed (1mm) week 4
- Grape (1.6cm) week 8
- Lemon (5.4 cm) week 12
- Avocado (11.6cm) week 16
- Coconut (25.6cm) week 20
- Swede (30cm) week 24
- Lettuce (37.6cm) week 28
- Turnip (42.4cm) week 32
- Papaya (47.4cm) week 36
- Pumpkin (51.2cm) week 40





# YEAR 5 KNOWLEDGE MAP


## MATHS

This half-term, we will be solving problems involving converting between different metric units of measure. *Revise all the relevant facts on capacity, length and weight.*

Measurement conversions

### Capacity

1 litre = 1000 millilitres  
1 centilitre = 10 millilitres




l
cl
ml

Measurement conversions

### Weight

1 tonne = 1000 kilograms  
1 kilogram = 1000 grams  
1 gram = 1000 milligrams

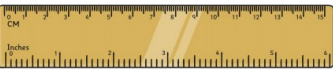


t
kg
g
mg

Measurement conversions

### Length

1 kilometre = 1000 metres  
1 metre = 100 centimetres  
1 centimetre = 10 millimetres




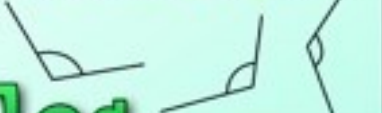

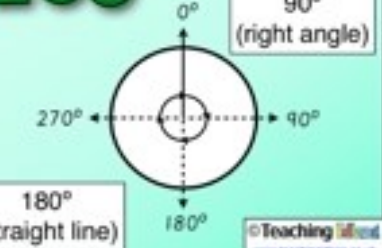
km
m
cm
mm

### TIMES TABLE ROCKSTARS

*Don't forget to log in and practice your times tables as regularly as possible. Keep improving until you become a 'Rock Hero'!*



## Angles

<p>Acute angles are less than 90°.</p> <h3>Acute Angles</h3> 	<p>Obtuse angles are between 90° and 180°.</p> <h3>Obtuse Angles</h3> 
<p>Reflex Angles</p> <p>Reflex angles are between 180° and 360°.</p> 	

We will also be working on Angles.

Can you learn all of the facts on this poster? Get a family member to test you!

**RE** This is an important time in the Catholic calendar and in RE lessons we will learn about the Easter story.



**Prayer to learn:**  
Lenten Promise

For forty days of Lent, to do my best I'll try. I remember how you suffered Lord and on the cross you died. I thank you that on Easter day, you rose and came alive. Be with me, Lord, throughout this Lent; Be with me as I strive. Be with me as I promise, to do some good each day. To keep my resolution; Please help me, Lord, I pray. Amen.

**PSHE** — We will be learning about the importance of eating a balanced diet. Can you create a day's meal plan, considering the healthy plate research?

Explore the interactive Eatwell Guide



## READING

Please log into Oxford Owl and take advantage of the free e-books they are offering. These are available in all colour bands in order to suit you!

**250 free eBooks**  
(now tablet friendly)

Don't forget your Reading VIPERS skills!

**Vocabulary**  
**I**nfer  
**P**redict  
**E**xplain  
**R**etrieve  
**S**ummarise

## WRITING

### Figurative Language

#### Metaphor

She is a ray of sunshine.  
Heart of stone.  
He is the light of my life.  
A rollercoaster of emotions.

#### Personification

The snow speaks.  
The grass tickled my feet.  
The leaves danced on the trees.  
The husky corn spoke.

#### Onomatopoeia

Crash! Splash! Boom!  
Pop! Bam! Snap!  
Honk! Buzz! Drip!  
Swish! Ring! Crackle!

#### Alliteration

Evil eagles eat eels.  
Dreary, dismal darkness.  
Pretty purple purses.  
Adjectives and adverbs.

#### Simile

Pure as snow.  
Quiet as a mouse.  
Busy as a bee.  
Cute as a kitten.

#### Idiom

Time flies.  
Cat got your tongue.  
Broken heart.  
Face the music.

#### Hyperbole

For the millionth time, be quiet!  
He's got a brain the size of a pea.  
These shoes are killing me.  
Speed up- a snail can go faster than you!