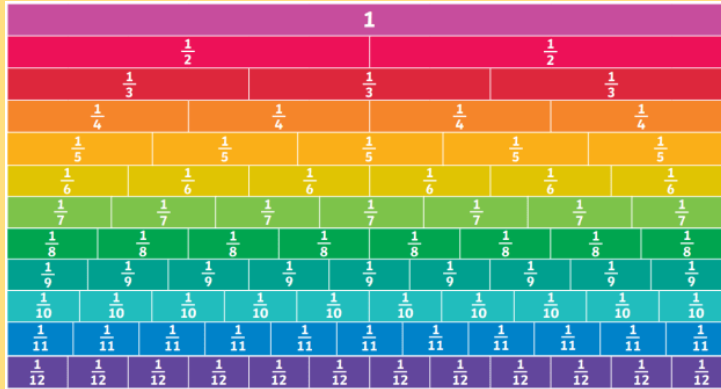


# Year 6 Knowledge Map – Advent 2

## Maths

Use this fraction wall to find equivalent fractions.

$$\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$$



### Adding and subtracting fractions

To add or subtract fractions with the same denominator, simply add or subtract the numerator and leave the denominator.

$$\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$\frac{4}{12} - \frac{3}{12} = \frac{1}{12}$$

To add or subtract fractions with different denominators, convert the fraction so they have the same denominator and then follow the same process as above.

$$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

## PSHE Life Cycles

Children will learn about God's design for creating new life through a more nuanced understanding of menstruation, fertility, conception, foetal development in the womb and childbirth. An optional session talks about sexual intercourse within the context of marriage being God's plan for the place of sex within a relationship. Framed within the Christian understanding of eternal life, a further session on death and grief helps pupils to consider and communicate about death

## RE -

### Prophecy and Promise

Christians celebrate the birth of Jesus, given by God as a sign and expression of God's love.

Advent is a time of joyful expectation, as we prepare to receive Jesus into our lives and to share this gift with others at Christmas and throughout the year.

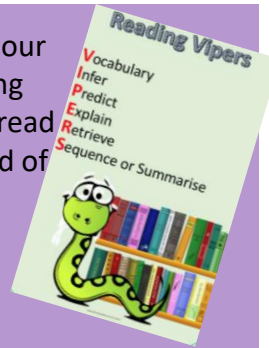
We expect that Jesus will come again and

**Advent Prayer**  
**Come Lord Jesus, come!**  
**Come to the hungry,**  
**Come to the cold,**  
**Come to the lonely,**  
**Come to me and mine,**  
**Come this Christmas time,**  
**Come Lord Jesus, come!**

## English



Don't forget about our bookworm reading challenge. Can you read 40 books by the end of year 6?



### How to write direct speech...

- beginning and end:** Do you have speech marks at the start and at the end of the words being spoken? "Action" said the director.
- new speaker, new line:** Have you started a new line every time someone new starts speaking? "Can we have a close up?" asked Sarah. "No problem!" replied Thomas.
- capital letter:** Do you have a capital letter at the start of the speech? Bruce said, "Sorry, I forgot my lines."
- commas:** Have you remembered to add commas? Paul whispered, "Great job." "Thank you," replied Justine.
- punctuation:** Do you have punctuation inside the speech marks? "That's a wrap!" cheered the producer.
- different names:** Inverted commas. Quotation marks. Speech marks. There are 3 names for this piece of punctuation.

### Common Contractions in English

aren't - are not	I'm - I am	that's - that is
can't - cannot	I've - I have	there's - there is
didn't - did not	isn't - is not	we're - we are
don't - do not	let's - let us	what's - what is
he'll - he will	she'll - she will	you'll - you will

**Their** (shows ownership)  
That is **their** toy.

**There** (refers to a place)  
The ball is over **there**.

**They're** (a contraction for they are)  
**They're** going to the park.

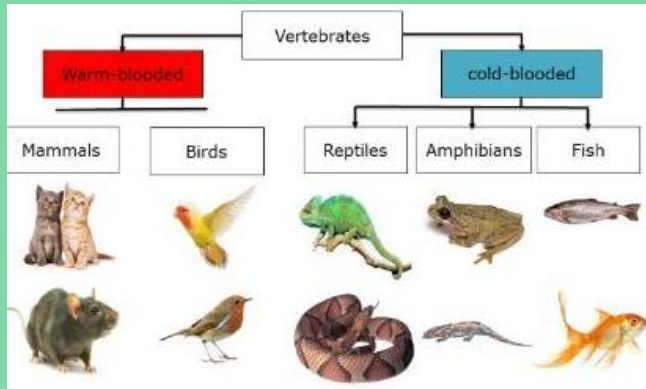
### Learn these spellings and try to include them in your written work

actually	breathe	disappear
extreme	group	history
important	learn	material
natural	often	perhaps
quarter	special	though

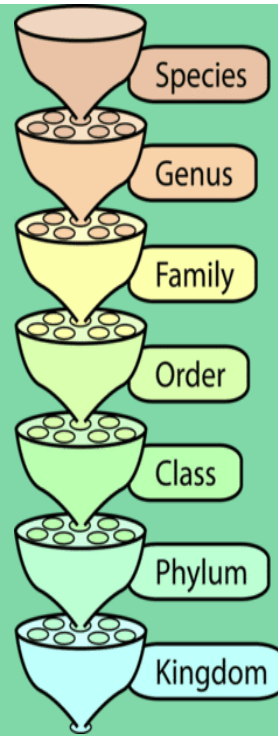
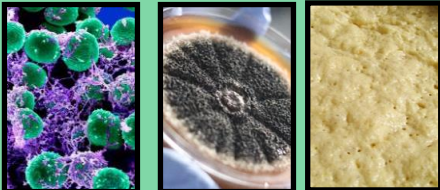
# Year 6 Knowledge Map – Advent 2

## Science

### Living things and their habitats



**Microorganisms** are very tiny living things. They are so small that they are not visible to the naked eye, so a microscope is needed to see them. Microorganisms can be found all around us. They can live on and in our bodies, in the air, in water and on the objects around us. They can be found in almost every habitat on Earth.



- Species**  
*Homo sapiens*  
Member of the genus Homo with a high forehead and thin skull bones.
- Genus**  
*Homo*  
Hominids with upright posture and large brains.
- Family**  
*Hominids*  
Primates with relatively flat faces and three-dimensional vision.
- Order**  
*Primates*  
Mammals with collar bones and grasping fingers.
- Class**  
*Mammals*  
Chordates with fur or hair and milk glands.
- Phylum**  
*Chordates*  
Animals with a backbone.
- Kingdom**  
*Animals*  
Organisms able to move on their own.

Living things and their habitats- Key Vocabulary	
Vertebrates	Animals that have a backbone in their body.
Invertebrates	An animal without a backbone.
Amphibians	A cold-blooded vertebrate animal.
Mammals	A warm-blooded vertebrate animal.
Micro-organism	A microscopic organism like bacterium, virus or fungus.

## Geography

### Migration

After WW2, Britain needed more men and women to work in industry because of a shortage of workers Empire Windrush brought the first large group of postwar West Indian immigrants to the United Kingdom, carrying 492 passengers from Jamaica to London in 1948.

People were told that they would find a better way of life . Many immigrants were not given equal rights or opportunities Many of them experienced racism and discrimination Some of the people who arrived in the UK as children with their parents have been wrongly told that they live here illegally.

Migration has developed over the years changing our society, culture and economy.

People migrate to the UK for a number of different reasons: work, environmental issues, seeking safety and to live near family or friends.

MOST COMMON NATIONALITIES OF NHS STAFF					
	UK/British	1,062,273		Spanish	5,580
	Indian	25,809		Romanian	4,731
	Filipino	22,043		Pakistani	4,313
	Irish	13,697		Zimbabwean	4,192
	Polish	9,904		Greek	3,317
	Nigerian	8,241		Ghanaian	2,863
	Portuguese	7,469		Malaysian	2,491
	Italian	6,528		German	2,485

## DT

### Fairground Rides

Electrical circuits can be connected to structures we make.

A motor enables a pulley system to rotate.

A pulley system can be used to speed up, slow down or change the direction of movement.

A cam mechanism controls movement through converting a rotary motion into a linear motion (movement in a straight line)



PE – Wednesdays.

Children must come into school in full school uniform. They should bring their P.E. kit in a bag to change in school every week.