

# **Knowledge Organisers**

## **2<sup>nd</sup> Summer Term**

**Science**

**History**

**Geography**

**Art**

**PSHE**

**French**

**Music**

**R.E.**

**P.E.**

# **Year 3**

## Knowledge Organiser- Magnetism – Science - Year 3

Key Vocabulary	Definition
attract	When magnets, or magnetic objects move towards each other
repel	When magnets, or magnetic objects move away from each other
exert	A show of force.
lodestone	A natural stone that is magnetic
contact force	A force that needs to touch something to work
non-contact force	A force that can work across a distance
Magnetic field	The invisible area around a magnet that creates the magnetic force of a magnet
Magnetic force	The force a magnet has to attract or repel an object
Magnetic poles	The two different ends of a magnet where the magnetic force is strongest
compass	A device that points to the North Pole and can be used to navigate
predict	To use your knowledge to think carefully about what will happen in the future
Fair test	To only change one variable in an experiment so you can find out if it makes a difference
variables	Parts of an experiment that you can change or vary
conclusion	What you have found out in your experiment
improvement	What could you do now or next time to make your work more accurate

### Key Knowledge

I know that magnets can be made or found naturally in the earth.

I know that opposite poles attract and the same poles repel.

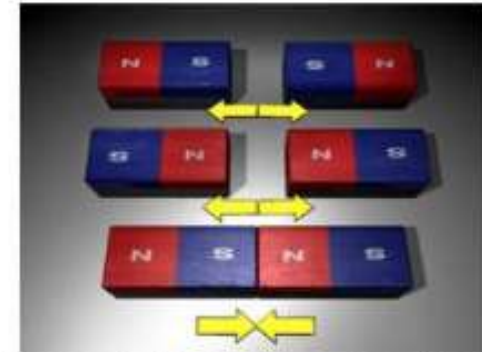
I know that a compass always points north.

I know that magnetic force can pass through some objects.

## Magnetism and magnetic forces

**Poles** of a magnet are the place where the magnetic force is the strongest.

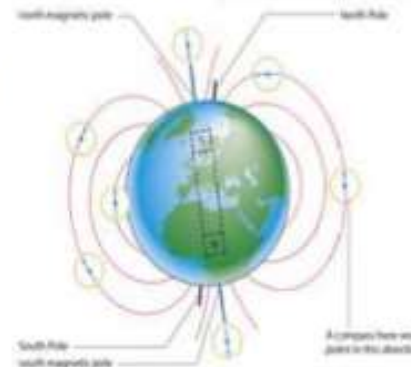
A bar magnet has a **north** pole and a **south** pole.



Like poles **repel**. Opposite poles **attract**.

A magnetic force is a non-contact force.

## The Earth's magnetic field



The Earth behaves as if there is a bar magnet inside it. The geographic north pole is a magnetic south pole. A compass will point towards geographical north and is the **north-seeking pole**.

## Knowledge Organiser - Local History Study - History – Year 3

### Key Vocabulary:

<b>Torc (torque)</b>	Torcs are large ornaments made from precious metals or bronze, worn around the neck by people in the Iron Age.
<b>hoard</b>	a stock or store of money or valued objects that are often secret or carefully guarded. They were often put in the ground.
<b>Archeologist</b>	a person who studies human history and prehistory through the excavation (digging) of sites and the analysis of artefacts and other physical remains
<b>Jurisdiction</b>	The official power to make legal decisions and judgments
<b>Merchants</b>	people who trade goods
<b>Guild</b>	A group or society of merchants and/or craftsmen
<b>Hanseatic</b>	a trading alliance in northern Europe that existed between the 13th and 17th centuries
<b>The Wash</b>	An estuary at the north-west corner of East Anglia on the East coast of England, where Norfolk meets Lincolnshire
<b>silt</b>	fine sand, clay, or other material carried by running water and deposited as a sediment, especially in a channel or harbour
<b>causeway</b>	a raised road or track across low or wet ground
<b>entourage</b>	a group of people attending or surrounding an important person (like the king)
<b>Charter</b>	A written grant given by a king or someone in charge of the land that states the rights of the people
<b>Ironworks</b>	a place where iron is smelted (heated and melted) or iron goods are made
<b>Showmen</b>	People who produce or present a show like the circus or theatre. They are often skilled performers.
<b>Steam powered</b>	A machine that uses the heating of water to power the engine.
<b>colony</b>	An area under the control of another country
<b>Peace of Pocahontas</b>	Eight years of peace between the colonists of Jamestown and the tribe of Powhatan, brought about by the marriage of Pocahontas and John Rolfe
<b>Virginia</b>	A state on the East coast of North America, founded by colonists.

### Key Knowledge:

I know that King's Lynn has changed its name over the years.

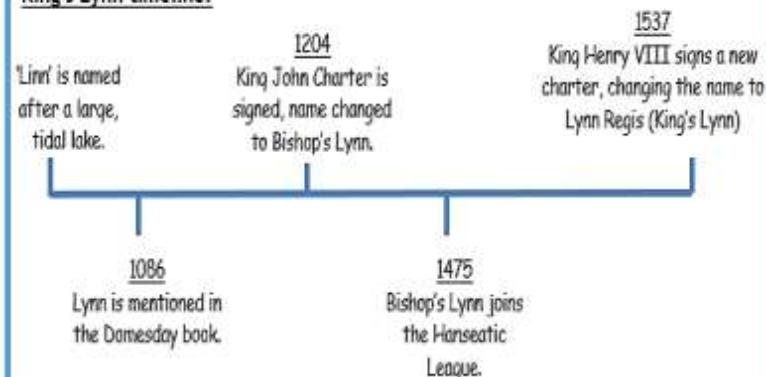
I know the mart has been running for 800 years and Frederick Savage played a role.

I know that King John supposedly lost his jewels in the Wash in 1216.

I know that torcs were found in Snettisham.

I know John Rolfe was born in Heacham and played a role in developing the American colonies.

### King's Lynn timeline:



The marriage of John Rolfe to Pocahontas in 1614 brought peace between the tribe of Powhatan and the colonists in Virginia



234 Iron age coins and 175 Torcs were found at Snettisham



Savage's Merry go round was built in King's Lynn in 1886

### Key People:



King John I



John Rolfe



Raymond Williamson







Frederick Savage

## Knowledge Organiser- London and the South East – Y3

Key Vocabulary	Definition
London	The capital city of Britain.
coastline	The land along the coast.
Thames	A river in South East of England, flowing East through London to the North Sea.
Dover	A ferry port in Kent, on the coast of the English Channel.
Skyline	An outline of land and buildings defined against the sky.
Transportation	The action of transporting someone or something.
Conurbation	An extended urban area, typically consisting of several towns merging with the suburbs of a central city.

Key Knowledge
I know London is located in the South East of England.
I know the Romans built London as a useful port for trading.
I know Londoners can now travel around by road or by rail.
I know Brighton is a seaside town, popular with tourists.
I know Dover is a town and major ferry port.

Landmark	Image
White Cliffs of Dover	
Canterbury Cathedral	
Palace Pier in Brighton	
The Thames Barrier	



## Knowledge Organiser – Pop-Up Books - Design Technology - Year Three

### Key Vocabulary:

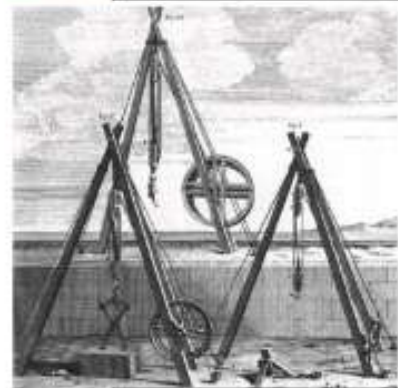
Shaduf	A machine to move water from a lower place to a higher place.
Mechanism	A device used to create movement in a product.
Lever	A rigid bar which moves around a pivot.
System	A set of related parts used to create an outcome. Systems have an input, process and an output.
Pivot	The central point, pin, or shaft on which a mechanism turns or oscillates.
Counterweight	A weight that, by exerting an opposite force, provides balance and stability of a mechanical system. Counterweights are often used in traction lifts, cranes and funfair rides.
Pulley	A small fixed wheel or a group of such wheels with a rope or chain in a grooved rim that is used to lift something up.
Catapult	A device used to launch a projectile a great distance.

### Key Knowledge:

- I understand ancient civilizations created different mechanisms.
- I know how to create a box cut and fold to create a pop-up mechanism.
- I know how to create a design plan.
- I know how to use different materials and tools to build a shaduf by following my plan and testing it.



Roman catapult (replica)

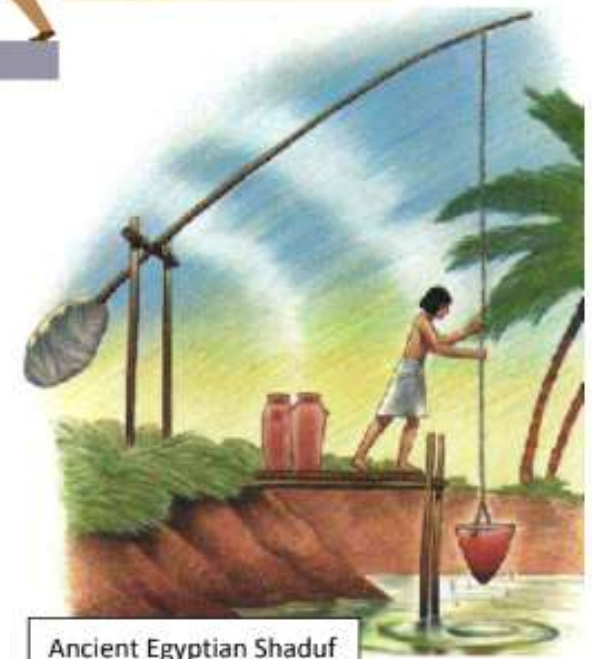
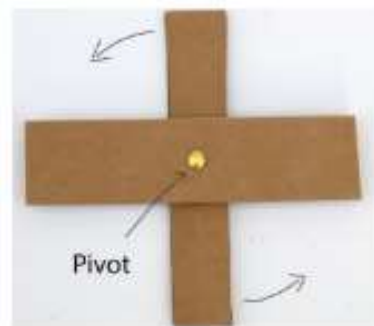
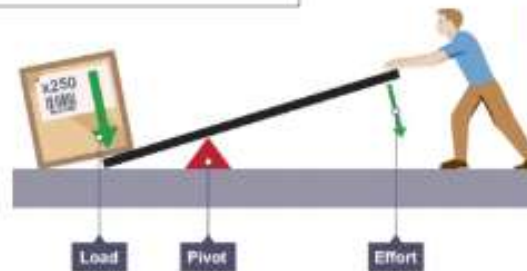


Ancient Greek pulley system

Oscillating— backwards and forwards in an arc e.g. a lever.



Reciprocating— backwards and forwards in a straight line e.g. a slider.



Ancient Egyptian Shaduf

# Knowledge Organiser Year 3 French Unit 6: Bon Anniversaire!

Key Language	English
Qu'est-ce que tu veux?	What do you want?
Je voudrais ...	I would like...
un jus d'orange	an orange juice
un sandwich	a sandwich
un gâteau	a cake
une pomme	an apple
une banana	a banana
une pizza	a pizza
C'est délicieux.	It's delicious.
C'est bon.	It's good/tasty.
Ce n'est pas bon.	it's not good.
C'est mauvais.	It tastes bad.
vingt et un, vingt-deux, vingt-trois, vingt-quatre, vingt-cinq, vingt-six, vingt-sept, vingt-huit, vingt-neuf, trente, trente et un	20 - 31
janvier, février, mars, avril, mai, juin, juillet, août, septembre, octobre, novembre, décembre	January-December
C'est quand ton anniversaire?	When is your birthday?
C'est le 12 mars.	It's on the 12 <sup>th</sup> March.

Je voudrais une pomme.



Je voudrais une pizza.



Je voudrais un sandwich.



Je voudrais un gâteau.



## KEY QUESTIONS

Qu'est-ce que tu veux?

What do you want?

C'est bon?

Is it good/tasty?

C'est quand ton anniversaire

When is your birthday?

Key Vocabulary	Definition
Band	A group of instruments which include synthesizer, guitar, bass guitar, drum kit, lead vocals, backing vocals.
performance	Present a piece of music to an audience.
Gospel	Christian music
Pop	A popular genre of music
Hip Hop	Also known as rap music originated from inner-city African Americans

**Key Signature: F major** — there is one flat in the key signature

F G A B $\flat$  C D E

How many beats per measure  
What note gets one beat

**Key Signature: G major** — there is one sharp in the key signature

G A B C D E F $\sharp$

**Key Signature: E $\flat$  major** — there are three flats in the key signature

E $\flat$  F G A $\flat$  B $\flat$  C D

**Time Signature: 4/4** — there are four crotchet beats in a bar



- Songs covered
- Michael row the boat ashore
  - The dragon song
  - Follow me



## Knowledge Organiser – PSHE – Changing Me - Year Three

### Key Vocabulary

<b>Stereotype</b>	A fixed idea or image that many people have of a particular type of person or thing, but which is often not true in reality.
<b>Growing up</b>	A typical feature or quality that something/somebody has.
<b>Reproduction</b>	The act or process of producing babies, young animals or plants.
<b>Puberty</b>	The period of a person's life during which their sexual organs develop and they become capable of having children.
<b>Change</b>	To become different.
<b>Emotion</b>	A strong feeling such as love, fear or anger; the part of a person's character that consists of feelings.
<b>Anxious</b>	Feeling worried or nervous.
<b>Worry</b>	To keep thinking about unpleasant things that might happen or about problems that you have.



### Key Knowledge

I understand how babies grow and develop in the mother's uterus. I understand what a baby needs to live and grow.
I can understand that boys' and girls' bodies need to change so that when they grow up their bodies can make babies. I can identify how boys' and girls' bodies change on the outside during this growing process.
I can start to recognise stereotypical ideas I might have about parenting and family roles.



### Reflective questions

Ask me this...

How have you changed since you were a baby?

What do babies need in order to survive and grow?

How are our bodies going to change on the inside?

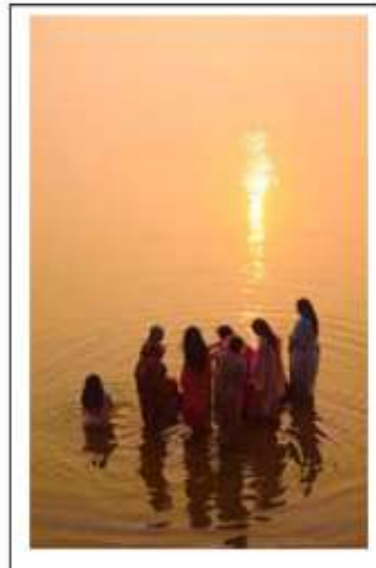


## R.E. Year 3 Summer 2 Knowledge Organiser




### Enquiry: Would visiting the River Ganges feel special to a non-Hindu?

Key vocabulary	Definition
River Ganges	Most sacred river in India.
Varanasi	City in the Indian state of Uttar Pradesh, regarded as the spiritual capital of India. Home of Shiva.
Purify	To clean and make pure
Ritual	A ceremony or series of actions always performed the same way
Pilgrimage	A pilgrimage is a sacred journey, undertaken for a spiritual purpose. Pilgrims are different from tourists: they travel for spiritual reasons, not just to relax or for fun.
Cleansing	To make clean
Purana	An ancient Hindi story
Reincarnation	The idea that people are born in another body after they die

Key Knowledge
I can explain how water is vital in order to stay alive.
I know at least 3 important facts about the River Ganges.
I know some of the Hindu rituals that take place at the R. Ganges.
I can say why a non-Hindu may want to visit the river.
I can say describe the way water feels clean and cleansing.



Key Vocabulary	Definition
<b>Body Roll</b>	When a swimmer rotates their body from side to side.
<b>Glide</b>	When a swimmer coasts with a pause un their stroke.
<b>Backstroke</b>	One of the 4 strokes used in competitive swimming. The swimmer moves through the water on their back, with their tummy and face facing upwards.

Skills	
<b>Push, glide and float</b>	
<b>Front crawl legs</b>	
<b>Submersion</b>	



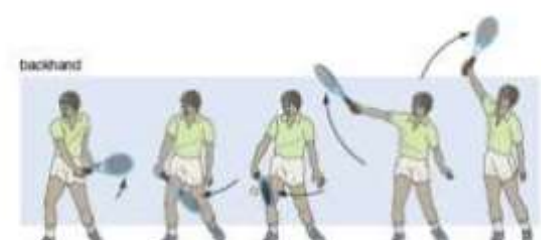
Skill development
Begin to use arms and legs to move effectively across the water.
Roll from my front to my back and regain a standing position.
Swim over a distance of 10m unaided.
Know several pool rules and know how they keep me safe.

## Knowledge Organiser – PE – Tennis – Year Three

Key Vocabulary	Definition
<b>Ready position</b>	The ready position is the position you take before your opponent hits the ball that allows you to move quickly around the court in any direction.
<b>Rally</b>	A sequence of shots back and forth between two players.
<b>Serve</b>	A serve is the shot used to start a rally when playing for a point. It should land in the diagonally opposite service box without hitting the net.
<b>Forehand</b>	played on the dominant side of the body
<b>Backhand</b>	played on the non-dominant side of the body

### Skill development

To develop racket and ball control
To explore rallying using a forehand
To explore returning a ball using a forehand
To explore returning a ball using a backhand
To learn how to score and use simple rules
To work co-operatively with others to begin to manage a game.

Skills	
<b>Rally</b>	 <p>An illustration showing a boy on the left and a girl on the right engaged in a tennis rally. The boy is in a ready position, and the girl is hitting a forehand shot. A ball is shown in the air between them.</p>
<b>Forehand position</b>	 <p>A sequence of five illustrations showing a player performing a forehand stroke. The player starts in a ready position, then moves forward to hit the ball with the racket. The ball is shown in the air, and the player follows through with the racket. The word 'forehand' is written above the first illustration.</p>
<b>Backhand position</b>	 <p>A sequence of five illustrations showing a player performing a backhand stroke. The player starts in a ready position, then moves back to hit the ball with the racket. The ball is shown in the air, and the player follows through with the racket. The word 'backhand' is written above the first illustration.</p>