

# **Knowledge Organisers**

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

**Science**

**Geography**

**History**

**Art/DT**

**Latin**

**PSHE**

**Music**

**RE**

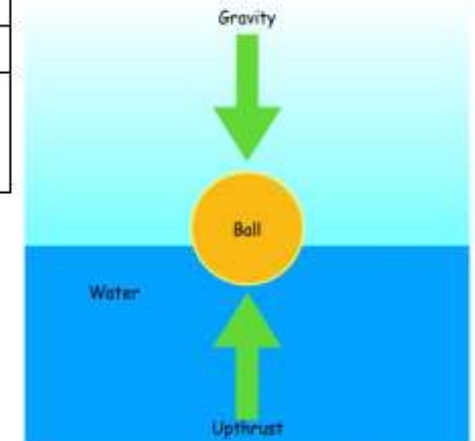
**PE**

# **Year 5**

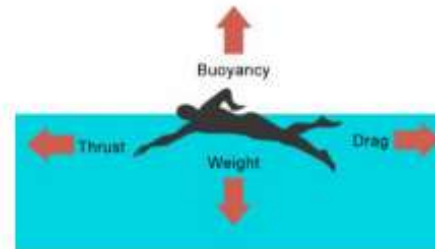
## Knowledge Organiser – Forces – Science – Year 5

Key Vocabulary	Definition
<b>Force</b>	A push or a pull
<b>Gravity</b>	A force that pulls objects towards the centre of the earth
<b>Friction</b>	A force caused by two surfaces touching each other
<b>Air Resistance</b>	A kind of friction that slows objects down when they travel through air
<b>Water Resistance</b>	A kind of friction that slows objects down when they travel through water
<b>Buoyancy</b>	An object's ability to float
<b>Upthrust</b>	A force that pushes objects up in water or air
<b>Streamline</b>	To shape an object in a way that reduces the effect of air resistance or water resistance.

Key Knowledge
I know a force is a push or a pull.
I know friction occurs when two objects touch each other.
I know how to set up a fair test.
I know simple machines help us to increase the force we apply to an object to move it.



*Gravity is equal to upthrust, so the ball floats. The forces are balanced.*



*Air resistance slows down the parachute as gravity pulls it to the ground.*






Pulley	Lever	Gear

## Knowledge Organiser – Australia - Geography – Year 5

Key Vocabulary	Definition
<b>Industry</b>	Activity where raw materials are changed into goods that can be used and traded.
<b>Aboriginal People</b>	People living in Australia from the earliest times, before the arrival of settlers or colonists.
<b>Colony</b>	A country or an area under the control of another country and occupied by settlers from that country.
<b>Settler</b>	A person who has moved, with other people, to live in a new country or area.
<b>Mining</b>	Where a raw resource is extracted from the earth, for example, coal.
<b>Commonwealth</b>	A group of countries that used to be part of the British Empire, but now voluntarily work together on issues such as human rights.
<b>Biome</b>	A community of plants and animals that have shared characteristics due to the environment they live in.




Key Knowledge
I know Australia is a large, diverse country in the Southern Hemisphere.
I know Captain James Cook was a British explorer who travelled to Australia in 1770.
I know Canberra is the Capital City of Australia.
I understand what a biome is and I can name some found in Australia.
I know Australia's biodiversity is under threat.



Deciduous Forest	Tropical Forest	Savannah	Semi Desert	Desert
Trees drop their leaves in winter	Tall trees growing close together	Tall grassland and scattered trees	Short grass and small, dry bushes	Sand and stone with few plants
Tasmania and East Coast	North coast, Queensland	Further inland on East Coast, parts of New South Wales	Across Australia including large parts of Western Australia	Western and Central Australia
				

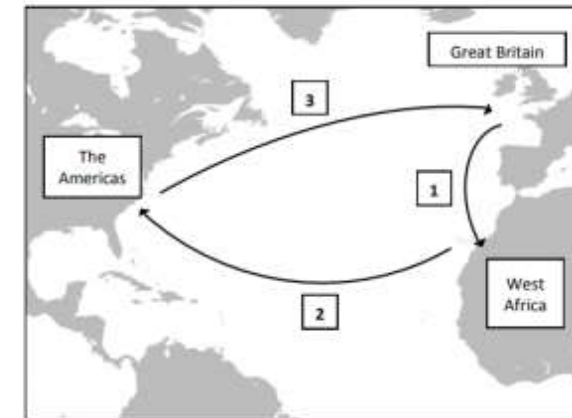
## Knowledge Organiser- The Abolition of Slavery – History - Year 5

Key Vocabulary	
<b>Transatlantic Slave Trade</b>	Responsible for the forced migration of between 12 - 15 million people from Africa to the Western Hemisphere from the middle of the 15th century to the end of the 19th century.
<b>Slave</b>	A <b>slave</b> is a human being classed as property, who is owned by another person and who is forced to work for nothing.
<b>Atlantic Passage</b>	Sometimes known as the 'middle passage', refers to the part of the trade where Africans, densely packed onto ships, were transported across the <b>Atlantic</b> to the West Indies
<b>Plantation</b>	a usually large farm or estate, especially in a tropical or semitropical country, on which cotton, tobacco, coffee, sugarcane, or the like is grown.
<b>Abolitionists</b>	An <b>abolitionist</b> was someone who wanted to end slavery.

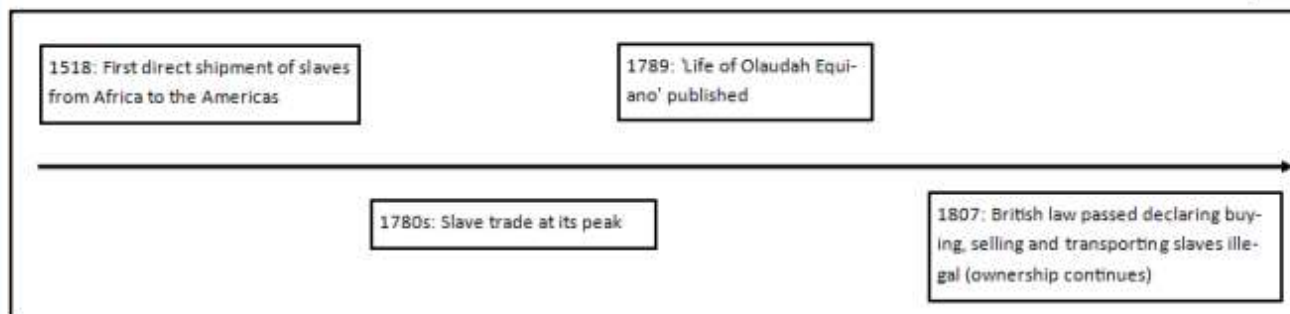
<b>Thomas Clarkson</b>	Thomas Clarkson was one of the most prominent eighteenth-century anti-slavery campaigners. In 1787, he helped form the first Abolitionist Committee.	
<b>Olaudah Equiano</b>	Equiano was one of the most prominent black campaigners in the anti-slavery campaign. He was an ex-slave who, by the 1780s, lived as a free man in London. He is mostly remembered for his 1789 autobiography.	
<b>William Wilberforce</b>	William Wilberforce was the main figurehead in Parliament for the Abolitionist campaign. He was recruited by Thomas Clarkson, who recognised that, in order to get Parliament to change the law, the anti-slavery cause needed a brilliant advocate inside Parliament itself.	

Key Knowledge:
I know that African slaves were transported to the Americas
I understand the conditions faced by slaves during the Atlantic passage.
I know the sorts of conditions in which slaves lived.
I know that the abolitionists helped to abolish the slave trade
I know Thomas Clarkson was a leading abolitionist.

### The Transatlantic Slave Trade



The transatlantic slave trade is sometimes known as the 'Triangular Trade', since it was three-sided, involving voyages: from Europe to Africa, from Africa to the Americas, from the Americas back to Europe.



## Knowledge Organiser - Design and Accessory- DT- Year 5

Key Vocabulary	
pattern	a shape drawn to exact shape and size, used to assist in cutting out
seam	where fabric is joined together
fabric	cloth produced by weaving or knitting textile fabrics
specification	describes what a product has to do
tacking	large running stitches to hold pieces of fabric together
working drawing	detailed drawing containing the information needed to make a product but is updated as changes are made
Victorian sampler	a piece of embroidery or cross-stitch to demonstrate needlework
embroidery	sewing decorative designs onto fabric
reinforce	to strengthen or support something

Key Knowledge
I know different fabrics have different uses.
I can identify a range of stitches.
I can create a design using stitches.
I can sew a Victorian sampler.

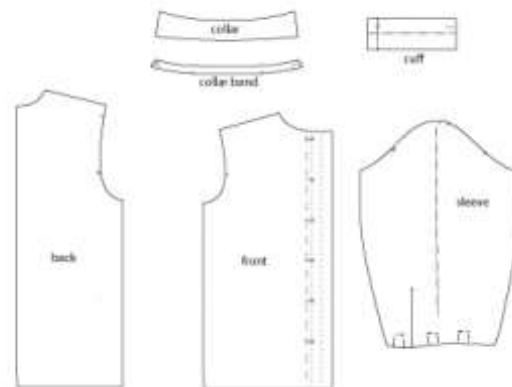


embroidery

Victorian Sampler



Pattern for a shirt



# Latin Knowledge Organiser - Unit 4: The Best Days of Your Life

Key Vocabulary	
Latin	English
<u>laetus/laeta</u>	happy
<u>irātus/irāta</u>	angry
<u>fatigātus/fatigāta</u>	bored
<u>fessi</u>	tired (pl)
<u>nōlī tangere!</u>	Don't touch!
<u>cūr?</u>	why?
<u>dormiō</u>	I sleep/I am sleeping
<u>lacrimō</u>	I cry/I am crying
<u>laboro</u>	I work/I am working
<u>scribō</u>	I write/I am writing
<u>lego</u>	I read/I am reading
<u>sēdeo</u>	I sit/I am sitting
<u>ridēo</u>	I smile/I am smiling
<u>intro</u>	I enter/I am entering

Grammar
Words we use to talk about actions are called verbs. For example, Rufus is sleeping
In Latin you don't need to use a separate word for "I" or "he" or "they". The ending of the verb tells us who is doing the action.



Unit Motto
<u>docendo discimus =</u> by teaching we learn

Key Knowledge
To translate simple verbs.
To apply knowledge of present tense verbs.
To explore ancient mythology (Echo and Narcissus).
To explore and translate ancient mythology (Echo and Narcissus).
To learn about Roman writing.



Echo and Narcissus

If the Latin word ends in:	Then the person doing it is:
o	I
s	you (singular)
t	he/ she or it
<u>mus</u>	we
tis	you all (plural)
<u>nt</u>	they



Gaming board and counters



To write, Romans scratched on wax-covered tablets using a special stick called a stilus.

## Knowledge Organiser – PSHE – Healthy Me - Year Five

Key Vocabulary	
<b>Pressure</b>	The act of trying to make someone else do something by arguing or persuading them.
<b>Informed decision</b>	A decision based on facts or information.
<b>Emergency</b>	A serious, unexpected, and often dangerous situation requiring immediate action.
<b>Procedure</b>	An established or official way of doing something.
<b>Recovery position</b>	A position used in first aid to prevent choking, in which the body is placed facing downwards and slightly to the side, supported by the bent limbs.
<b>Body image</b>	How people see themselves.
<b>Self-respect</b>	Having pride and confidence in oneself.

Key Knowledge
I know the health risks of smoking and can tell you how tobacco affects the lungs, liver and heart.
I know and can put into practice basic emergency aid procedures (including the recovery position) and know how to get help in an emergency.
I understand how the media and celebrity culture promotes certain body types.



### The Jigsaw Charter


- We take turns to speak
- We use kind and positive words
- We listen to each other
- We have the right to pass
- We only use names when giving compliments or when being positive
- We respect each other's privacy (confidentiality)



### Reflective questions


Ask me this...

- What does it mean to 'misuse' alcohol?
- Why is it important to think quickly and calmly in an emergency situation?
- Why do you think everyone looks different?

Key Vocabulary	Definition
Time signature	The rhythm following a clef <i>6/8 — there are six quaver beats in a bar</i>
Key signature	The key of a piece of music depends on the flats and sharps in the music. <i>C major — there are no sharps or flats in the key signature</i>
Tempo	The speed at which music is played <i>Presto — At a very quick speed (180 bpm)</i>
Rhythmic patterns using:	Dotted crotchets: Triplet Quavers: Quavers: 
Musical styles	Pop, rock, 20 <sup>th</sup> and 21 <sup>st</sup> century orchestral

Songs Covered	
Freedom is Coming	South African Pop
All Over Again	20 <sup>th</sup> and 21 <sup>st</sup> Century Orchestral
Do You Ever Wonder?	20 <sup>th</sup> and 21 <sup>st</sup> Century Orchestral


**Key Signature: C major** — there are no sharps or flats in the key signature



**Key Signature: D minor** — there is one flat in the key signature

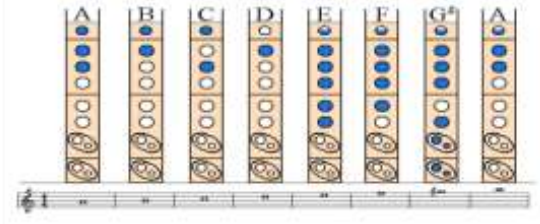


**Key Signature: E major** — There are four sharps in the key signature

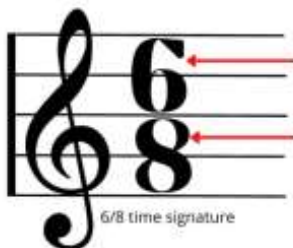



### Improvise Together

**Recorder A Minor Scale and Finger Chart.**



**6/8 Time Signature**



**Top Number**  
6 beats every bar

**Bottom Number**  
Quarter (crochet) beat

### Notes you composed with...

F, G, A, B<sup>b</sup>, C, D, E



## R.E. Year 5 Spring 2 Knowledge Organiser

### Enquiry: How significant is it for Christians to believe God intended Jesus to die?

Key vocabulary	Definition
<b>destiny</b>	That all events are already planned.
<b>Pilate</b>	The Roman governor of the region
<b>Pharisee</b>	A strictly orthodox Jew who adhered closely to the rules and scriptures
<b>sacrifice</b>	To give away something precious to ensure something greater is gained.
<b>incarnation</b>	A person who lives as human but is a god or spirit.
<b>Holy Week</b>	The week, as told of in the bible, of the events leading to Jesus' crucifixion and resurrection.
<b>crucifixion</b>	To execute by being nailed/ tied to a cross by the hands and feet.
<b>Palm Sunday</b>	The day Jesus rode into Jerusalem – named so because of the palm leaves waved by the crowds.

Key Knowledge
I know what the difference between destiny and to be pre-destined to do something
I can re tell the events of Holy Week
I know how Christians believe Jesus sacrificed himself to save mankind
I can explain whether God intended Jesus to be crucified or whether his crucifixion was a consequence of events during Holy Week.
I can explain the importance of Jesus' death being part of God's plan to Christians



Key Vocabulary	Definition
<b>Possession</b>	When a team has the ball they are in possession.
<b>Shut down</b>	When a defending player shuts down or limits the space or movement of the attacker.
<b>Formation</b>	The position in which a team stands.
<b>Marking</b>	When a player defends an opponent.
<b>Try</b>	The unit of scoring in tag rugby.

Skills	
<b>Formation</b>	
<b>Shut down</b>	
<b>Possession</b>	

### Skill Development

- To select the appropriate skill, choosing when to run and when to pass.
- To move into space to support a teammate abiding by the rules.
- To use defending skills to gain possession.
- To work as a defending unit to prevent attackers from scoring.
- To use a variety of attacking skills to beat a defender.
- To apply rules, skills and tactics learnt to play in a tag rugby tournament.