

Knowledge Organisers

1st Summer Term – Cycle B

Art / DT
Computing
Geography
PE
PSHE
RE
Science

Oak Class

Knowledge Organiser – Murals and Tapestries - Visual Arts - Year One/Two – Cycle B |

Key Vocabulary	Definition
mural	A painting that is painted directly onto a wall or ceiling.
fresco	A mural that is painted onto wet plaster.
plaster	A soft mixture for spreading on walls that becomes hard and smooth when it has dried.
Pope	The head of the Roman Catholic church.
Sistine Chapel	The Chapel in the Pope's palace.
National Gallery	An art gallery in London which has a large and important collection of art.
tapestry	A thick piece of fabric, with patterns and sometimes, pictures on it. Tapestries are made by weaving.
weaving	A way of making fabric by crossing over threads.
composition	How the different ingredients in art (e.g. colour, line, shape, texture) are put together to make up a whole work of art.

Key Knowledge

I know sometimes artists paint on walls or ceilings.

I know that Michelangelo painted a mural on the ceiling of the Sistine Chapel.

I know that a tapestry is a piece of art made from woven threads.

Painting	Artist and Title
	Michelangelo , The Hand of Adam and God, c1512 (Sistine Chapel, Vatican City)
	Leonardo da Vinci , The Last Supper, 1495-98 (Santa Maria delle Grazie, Milan)
	Paula Rego , Crivelli's Garden, 1990 (Sainsbury wing restaurant, National Gallery, London)

Key Vocabulary	Definition
Bpm	The number of beats played in a minute.
Composition	A creative work, especially a poem or piece of music.
Digitally	By means of digital or computer technology.
Instrument	An object or device for producing musical sounds.
Music	Vocal or instrumental sounds (or both) played alone or combined.
Sound Effects	A sound other than speech or music made artificially for use in a play, film, or piece of music.
Soundtrack	A recording of the musical accompaniment of a film.
Tempo	The speed at which a passage of music is, or should be, played.
Volume	How loud a piece of music is.

Key Knowledge

- I know how to make music digitally by exploring, editing and combining sounds.
- I know how to use sounds from a music bank and those recorded in the environment, to make music.



Key Vocabulary	Definition
Backspace Key	Use this key to delete the character before the current cursor position.
Copy and Paste	A way to copy information from the screen into the computer's memory and paste it elsewhere without re-typing.
Columns	Vertical reference points for the cells in a spreadsheet.
Cells	An individual section of a spreadsheet grid. It contains data or calculations.
Count Tool	This tool counts the number of cells with a value that matches the value of the cell to the left of the tool.
Delete Key	Use this key to remove the contents of a cell.
Equals Tool	Tests whether the entered calculation in the cells to the left of the tool has the correct answer in the cell to the right of the tool.
Image Toolbox	Use this to insert images into cells.
Lock Tool	This tool prevents cell values being changed.
Move Cell Tool	This tool makes a cell's contents moveable by drag-and-drop methods.
Rows	Vertical reference points for the cells in a spreadsheet.
Speak Tool	This tool will speak the contents of a cell containing a number each time the value changes.
Spreadsheet	A computer program that represents information in a grid of rows and columns.

Key Knowledge
<ul style="list-style-type: none"> • I know how to use tools in a spreadsheet to copy and paste. • I know how to use totaling tools to solve money calculations. • I know how to collect data and produce graphs.



Knowledge Organiser – Geography – Northern Europe – Year 1/2 - Cycle B



Key Vocabulary	Definition
Scandinavia	The countries in Northern Europe – Denmark, Sweden, Finland, Norway
Climate	The weather in a place over a long period of time.
Weather	The conditions outside, for example, sunshine, rain, cloud, snow.
Migration	Movement from one place to another.
Compass	A tool used to identify direction.
Adapt	To change or adjust something.
Explorer	A person who goes on journeys to find out about new places.
Human features	Things built by humans: man-made.
Physical features	Things found in the natural environment – not man-made.
Sami	A group of people who have lived in the coldest parts of Northern Europe for a very long time.

A Map of Northern Europe



Key Knowledge
I know the countries in Northern Europe.
I know Northern Europe has mountains, valleys and lakes.
I know the climate is colder than other parts of Europe.

Flags of Northern European Countries				
Norway	Denmark	Sweden	Finland	Iceland



Knowledge Organiser – PE – Games - Year B One/Two – Cycle B

Key Vocabulary	Definition
Throwing	To move an object through the air using your hands and arms.
Passing	To send an object to another person.
Aim	The direction you are sending an object.
Underarm throw	To throw an object with the arm and hand below shoulder level.
Overarm throw	To throw an object with the arm and hand above shoulder level.

Skill development	
Pass and move	To pass a ball and move into a new space in order to receive a pass.
Throw accurately	To throw a ball and reach a set target.
Overarm throw	To be able to throw a ball accurately over a longer distance to a target.
Underarm throw	To be able to throw a ball accurately over a shorter distance to a target.

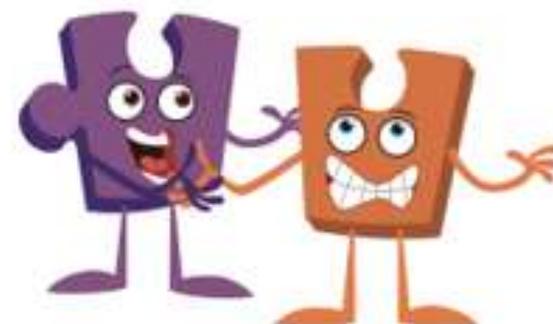
Skills	
Underarm throw	 <small>twinkl.com</small>
Overarm throw	 <small>twinkl.com</small>
Aim	

Knowledge Organiser – PSHE – Relationships - Year One/Two – Cycle B



Key Vocabulary	
Family	A group consisting of one or two parents, their children and close relations.
Relationship	A loving and/or friendship between two people.
Special	More important than others.
Touch	To put your hand or another part of your body onto somebody/something.
Hug	To put your arms around somebody and hold them tightly, especially to show that you like or love them.
Friend	A person you know well and like, and who is not usually a member of your family.
Secret	Known about by only a few people; kept hidden from others.
Worry	To keep thinking about unpleasant things that might happen or about problems that you have.

Key Knowledge
I understand that there are lots of forms of physical contact within a family and that some of this is acceptable and some is not.
I understand that sometimes it is good to keep a secret and sometimes it is not good to keep a secret.
I recognise and appreciate people who can help me in my family; my school and my community.



Reflective questions

Ask me this...

Who is special to you?

What kinds of touch do you like and why? E.g. a hug.

What sort of things causes friends to fall out sometimes and how can we resolve this?

R.E. Year 1/2 - Summer 2 Knowledge Organiser - Cycle B
Enquiry: Does going to a mosque give Muslims a sense of belonging?

Key vocabulary	Definition
belonging	A feeling of fitting in or being part of something
Mosque	A Muslim place of worship
Wudu	A ritual of cleansing before Muslims pray
Minaret	A tower from where Muslims are called to worship
Hajj	Annual pilgrimage to Makkah that each Muslim must undertake once in their lifetime if they have adequate health and wealth.
community	A group of people who share the same beliefs
Makkah / Mecca	A place in Saudi Arabia, the birth place of Muhammad

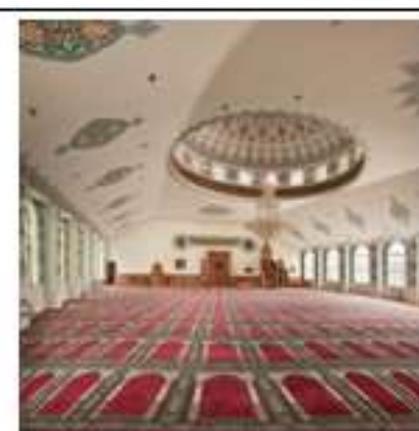
Key Knowledge
I know what it feels like to belong
I can explain a Muslim ritual that shows a baby belongs to a Muslim community
I know some of the rituals Muslims perform when they pray.
To know that praying with others in a Mosque helps Muslims feel like they belong
I can explain why a Muslim might feel like they belong to a community.
I know that going to a special place and having special actions helps me feel like I belong to a group.



Mosque



Hajj in Makkah



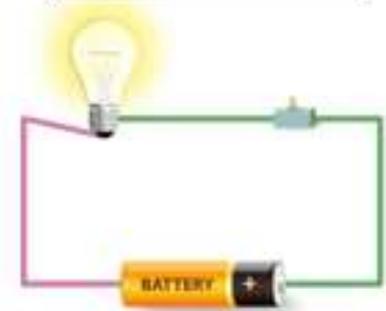
Inside a Mosque

Knowledge Organiser – Electricity – Science - Year 1 /2 – Cycle B

Static Electricity



Electrical Circuit



Conductors



Insulators



Electrical Shock



Key Vocabulary	Definition
Electricity	A form of energy that helps us to power and use different things
Current	The flow of electricity
Static electricity	A type of electricity that is created by rubbing certain materials together
Electrical shock	if we touch electricity it can flow into our bodies and harm us
Circuit	The path which electricity flows along
Battery	A store of electrical energy
Cell	Something that can generate electricity e.g. a battery
Light bulb	A piece of equipment that converts electrical energy into light energy
Switch	A piece of equipment that opens and closes the flow of electricity in a circuit
Wire	A thin piece of metal that allows electricity to travel along it
Conductor	An electrical conductor is made of a material that allow electricity to travel through it
Insulator	An electrical insulator is make of a material that does not allow electricity to travel through it.

Key Knowledge

I know electricity can be very dangerous.

I understand there are 2 different types of electricity; current electricity and static electricity

I know how to use electrical items safely.

I know if a circuit is broken electricity cannot flow around it.

