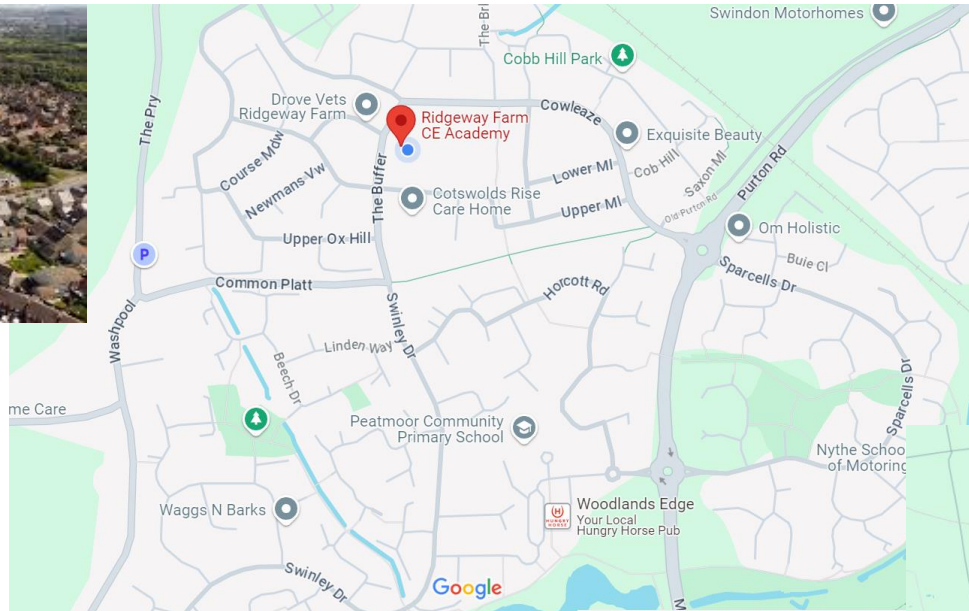




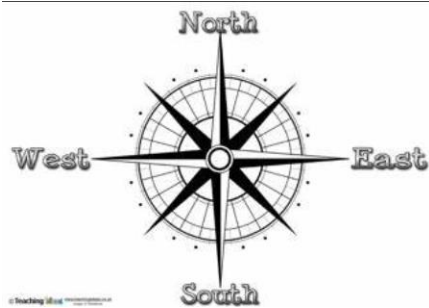
# Ridgeway Farm CE Academy - Knowledge Organiser



Topic	Geography	Theme	Local area	Year Group	2
Key Question	What is special about where I live?				

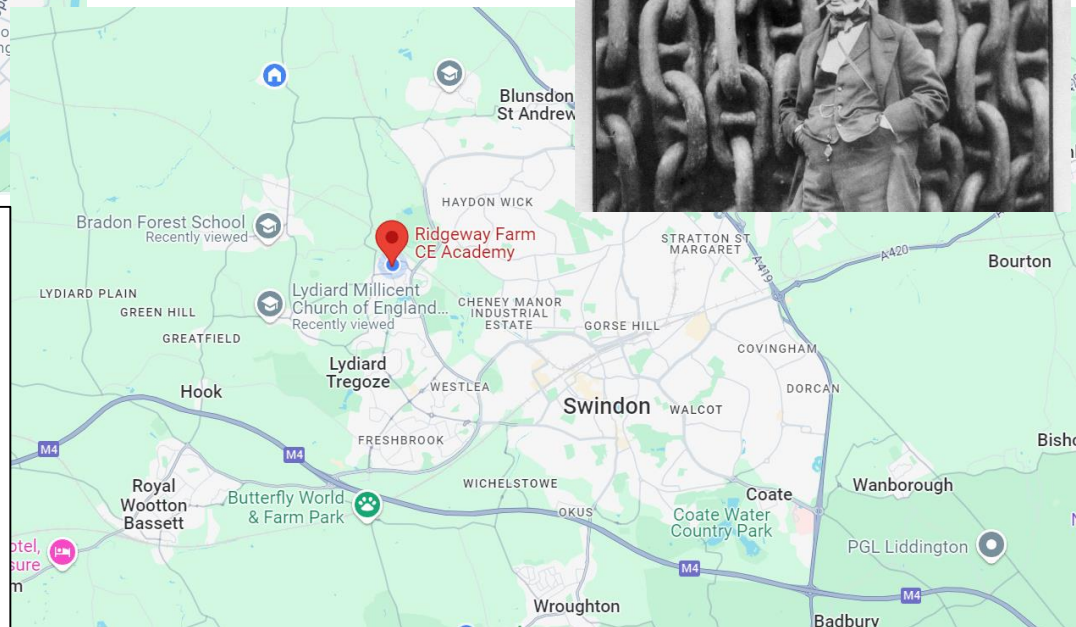


Isambard Kingdom Brunel was an important Victorian engineer. In 1833 he was appointed the chief engineer for the Great Western Railway to build the line from London to Bristol. Swindon was very important as the location of the railway works which can still be seen today at the Outlet.



**Vocabulary:**  
 forest, hill, river, soil, vegetation, season and weather, town, village, factory, farm, house and shop.

Ridgeway Farm is a residential area that belongs in the parish of Purton. Purton is a village outside the town of Swindon, in the county of Wiltshire. Swindon is a busy town due to being near the M4 and it is constantly growing with new housing developments. Swindon has a rich history and the development of the railways were very important.





Topic	RE	Theme	Muslims	Year Group	2
Key Question	Who is a Muslim and what do they believe?				

### The Qur'an

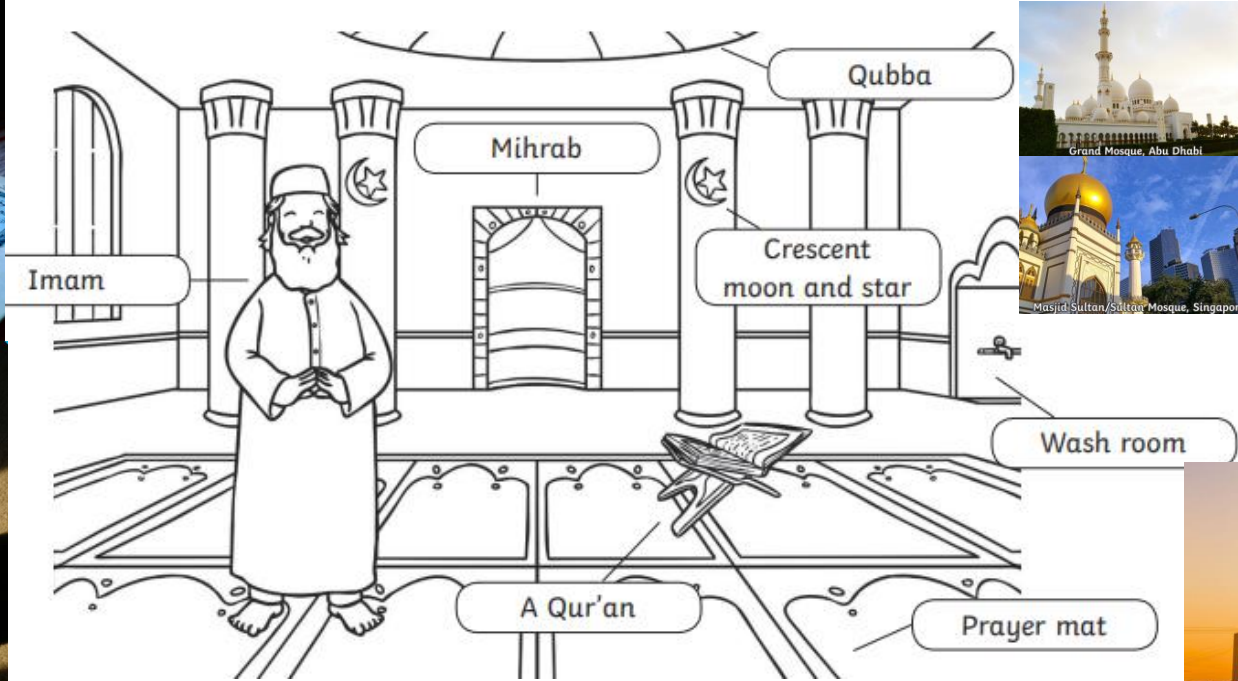
The Qur'an is the Muslim holy book, written in Arabic. Muslims treat this sacred text with great respect.

### Rehal

Rehal is the folding wooden book stand used for the Qur'an.

### Prayer Mats

Prayer mats give Muslims a clean place to pray and are laid out face towards the Ka'bah in Mecca.



### Prayer Beads

Prayer beads are sometimes used by Muslims to count prayers or phrases used during worship.

### Prayer Cap

A prayer cap or taqiyah can be worn by Muslim males whilst praying.

### Islamic Decorations


Geometric patterns and calligraphy are commonly used in decorating mosques.

### Ka'bah

Pilgrimage to the Ka'bah in Mecca is one of the Five Pillars of Islam, called Hajj.

## The Six Main Beliefs

- Belief in **Allah** as the one and only God. They believe **Allah** is the only ruler of the universe. The word '**Islam**' means submission and obedience to **Allah**.
- Belief in angels.
- Belief in the holy books.
- Belief in the **prophets** and that **Muhammad** was the final **prophet**.
- Belief in the Day of Judgement (when **Allah** decides if a person goes to heaven or hell).
- Belief in predestination (the belief that **Allah** has already planned out what will happen).

Vocabulary		What should we already know?		
General		Key Figures or Gods		Key Beliefs
<b>Pilgrimage</b>	A pilgrimage is a sacred journey, undertaken for a spiritual purpose.	<b>Allah</b>	The Arabic name that <b>Muslims</b> use for God.	The main <b>Muslim</b> festivals are: Ramadan, Eid – Al – Fitr and Eid – al – Adha. During <b>Ramadan</b> , <b>Muslims</b> try to give up bad habits and become better <b>Muslims</b> by praying more. They <b>fast</b> during the daylight and only eat after the sun has set.
Islam		<b>Muhammad</b>	The last, and most important, <b>prophet</b> in <b>Islam</b> . <b>Muhammad</b> is so highly respected by <b>Muslims</b> that they will say 'peace be upon him' after his name is spoken.	
<b>Fast</b>	A period of time when Muslims do not eat.	<b>Muslim</b>	A follower of the religion <b>Islam</b> .	
<b>Hajj</b>	The name Muslims give to the special pilgrimage to Mecca.	<b>Prophets</b>	Special messengers sent from <b>Allah</b> .	
<b>Islam</b>	Islam is the second most popular religion in the world.	<b>What will we know by the end of this term?</b>		
<b>Mecca</b>	Mecca is an important place to Muslims. It is where Muhammad was born. Muslims face Mecca when they pray five times a day and try to make the pilgrimage once during their lives. 	<b><u>The Six Main Beliefs</u></b>		
		<ul style="list-style-type: none"> <li>• Belief in <b>Allah</b> as the one and only God. They believe <b>Allah</b> is the only ruler of the universe. The word '<b>Islam</b>' means submission and obedience to <b>Allah</b>.</li> <li>• Belief in angels.</li> <li>• Belief in the holy books.</li> <li>• Belief in the <b>prophets</b> and that <b>Muhammad</b> was the final <b>prophet</b>.</li> <li>• Belief in the Day of Judgement (when <b>Allah</b> decides if a person goes to heaven or hell).</li> <li>• Belief in predestination (the belief that <b>Allah</b> has already planned out what will happen).</li> </ul>		



Topic	Music	Theme	Call and respond	Year Group	2
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Key Question: What is a West African Call and respond song?

**Musical style: Call and response**

Call and response is like a question and answer in music. It appears in lots of music from around the world, like gospel, blues and hip hop.



**Structure**  
How the music is organised into different sections.

VERSE - A  
CHORUS - B  
BRIDGE - C

**ABABC B**

**Notation**  
How the music is written down.

G D E F G A B C

**Instruments**

**Tuned Percussion**  
Instruments that can play notes of different pitches, making higher and lower sounds.

**Kalimba**

**Glockenspiel**

**Untuned percussion**  
Instruments played by shaking, tapping or scraping with your hand or a beater.

**Bongo drums**

**Djembe drums**

**Cabasa**

**Vocabulary**

**Dynamics**  
The volume of the music (loud or quiet).

**Loud**

**Quiet**

**Tempo**  
The speed of the music (fast or slow).

**Fast**

**Slow**

**Timbre**  
The quality of sound e.g. smooth, scratchy, twinkly.



**Rhythm**  
A pattern of long and short notes.


**Call and response**  
One person sings or plays something, and others sing or play something back, in reply.








Topic	Computing	Theme	Coding	Year Group	2
Key Question	What is special about where I live?				

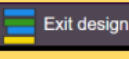
### Key Images

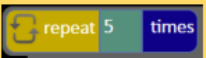
Open the main menu 

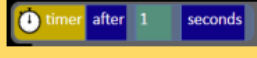
Save your work 


Watch the instruction video 

Open design mode in 2Code 

Switch to code mode in 2Code 

A repeat code block 

A timer code block 

An object property 

### Key Questions

**What is an algorithm? Why is it useful in coding?**

An algorithm is a step-by-step set of instructions used to solve a problem or achieve an objective.

A clear algorithm can help you to create code that does what it is supposed to do.

**Can you explain what the repeat command and the timer command do?**

A repeat command will repeat actions a specified number of times.

A timer will repeat every time the timer fires this could be **every** 4 seconds or **after** a certain number of seconds.


**If you are good at coding, you don't need to debug. Is this true?**


All coders need to debug to make sure that their program works correctly, and the code does what they intended. As you get better at coding, your programs will get more complex and debugging gets even **more** important.


Login: Student1




### Key Resources



 2Dos

 Free code chimp

 Tools

### Key Learning

- To understand what an algorithm is.
- To create a computer program using an algorithm.
- To create a program using a given design.
- To understand the collision detection event.
- To understand that algorithms follow a sequence.
- To design an algorithm that follows a timed sequence.
- To understand that different objects have different properties.
- To understand what different events do in code.
- To understand the function of buttons in a program.
- To understand and debug simple programs.

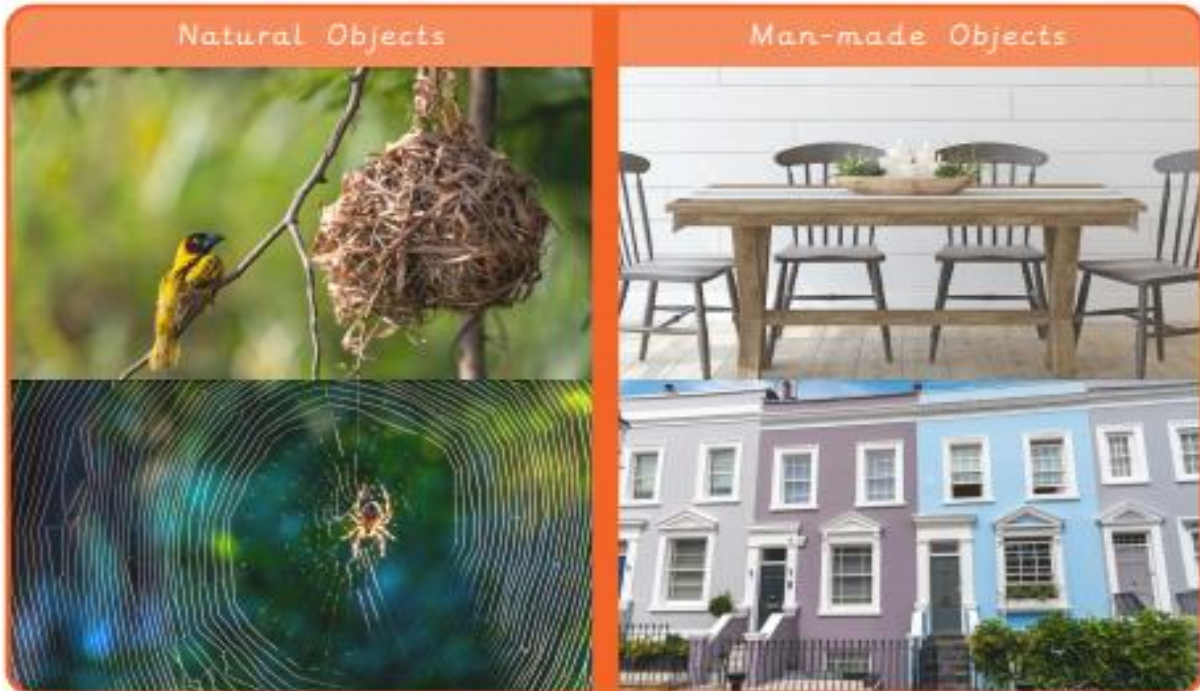
# Ridgeway Farm CE Academy - Knowledge Organiser

Topic	DT	Theme	Baby bears chair	Year Group	Y2
Key Question	What is special about where I live?				

Natural	found in nature e.g. spider's web, sheep's wool.
Stable	Object does not easily topple over.
Stiff	A material or object that does not bend easily (e.g. wood).
Strong	Something that is not easily broken (e.g. wood, brick, building).
Structure	Something that has been made and put together and can usually stand on its own (e.g. a building, a bridge, a chair).
Test	To find out whether something works as it should.
Weak	Something that is easily broken (e.g. paper, egg shells).



They should be **stable**, **strong** and comfortable.  
Was baby bear's chair **stable** and **strong**?



Topic	Art	Theme		Year Group	2
Key Question	What is special about where I live?				

**Year 2 - Craft and design**



Abstract	Art where the subject doesn't necessarily look like it does in real life
Composition	Putting different elements together in a pleasing way
Curator	Someone who organises and looks after collections in museums and galleries
Felt	A material made by laying fibres in different directions then squashing them together
Fibre	Threads of wool
Inspired	Feeling very interested and excited by something you have seen
Negative print	Ink will show the background of the tile rather than the drawn lines
Pattern	A design in which shapes, colours or lines are repeated
Stained glass	Colourful, decorative glass that makes a design
View finder	A tool used to help choose a composition

Felt is used to make both artworks and useful objects




**Artists**

Susan Stockwell      Kim Soon Im

Josef Albers

Eduardo Paolozzi      Matthew Cusick

Abstract art doesn't necessarily look like it does in real-life. Artists use shapes, colours and different marks

