Science Knowledge Organiser

Year 2 Autumn 2—Microhabitats

A **microhabitat** is a small area with different conditions to the surrounding area.



under logs and stones



grass



leaf litter



soil

Minibeasts are small creatures without a backbone.

Minibeasts are small creatures without a backbone.

woodlouse



ladybird



snail



worm



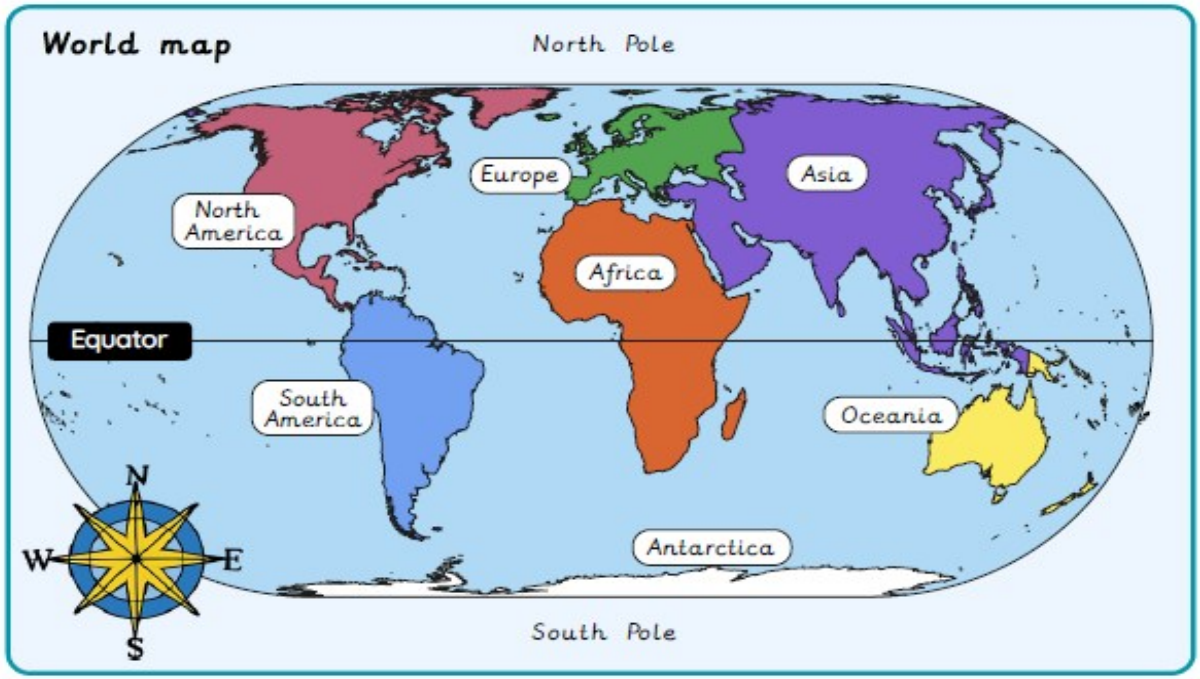
Minibeasts live in microhabitats that provide them with **food** and **shelter**.

Scientists use **super Science skills** to find answers to questions.

Super Science skills	
Researching	
Observing over time	
Comparative and fair testing	
Grouping	
Spotting patterns	

Geography Knowledge Organiser

Year 2 Autumn 2—Would you prefer to live in a hot or cold places?





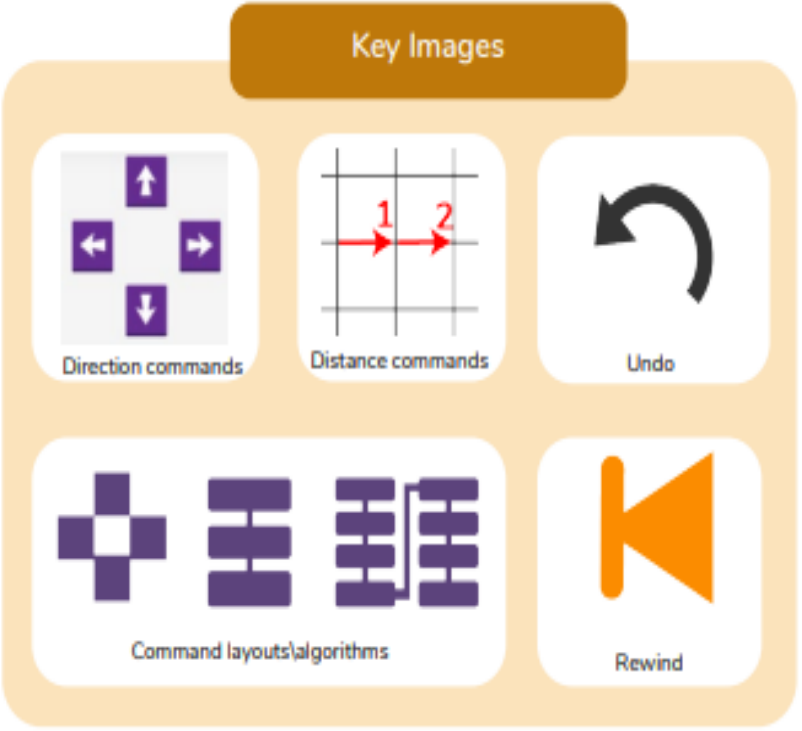




Computing Knowledge Organiser

Year 2 Autumn 2—Route Explorers

	Algorithm	A set of instructions in order.
	Computer bug	Bug is the word used to describe an error in the way that a computer program works.
	Coding	Creating instructions for a computer, telling it what to do, step-by-step.
	Command	An action such as, turn left'
	Debugging	To find and remove bugs (errors) from a computer program
	Direction	The path that something travels. For example, a robot moving forwards or backwards.



Computing Knowledge Organiser

Year 2 Autumn 2—Making Music

	beat	A rhythmic unit in music.
	compose	To create a piece of music.
	sound effect	A sound other than speech or music.
	speed	The number of beats per minute (bpm) played in the music.
	volume	How loud or quiet the music is.
	soundtrack	A recording of the musical accompaniment of a film or tv programme.



Dodgeball (Social) Knowledge Organiser - Year 2

Prior Learning: In Year 1, children developed their social skills of how to play a team game. They learned how to compete against themselves and others. They communicated with each other and worked as part of a team. They also developed their running, jumping, throwing and catching skills.

Key Skills

Physical Me

Throw

Catch

Dodge

Run

Agility

Balance

Co-ordination

Jump

Thinking Me

- To make decisions in the game

Value Me:

- Honesty
- Fairness
- Gracious
- Respect

Social Me

- Taking it in turns
- Giving praise
- Communication
- Encourage



Key Knowledge

Gracious- Is being polite, kind, or simply doing what is right

Dodge- To move your body quickly to avoid being caught

Underarm:

1. Opposite arm and opposite leg
2. Bend knees
3. Non-throwing hand points at the target
4. Throwing hand points in direction of the target





Key Vocabulary

- Gracious
- Fair
- Positive
- Personal best
- Compete
- Safety
- Dodge
- Underarm
- Aim

Football FUNdamentals Knowledge Organiser - Year 2

Prior Learning: In Year 1, children learned how to stop a ball with the sole of their foot. They began to learn how to pass a ball using the inside of their foot, and how to dribble the ball keeping it near to them. They also learned how to find space in the game, and to shoot into targets. They were introduced to small sided 2v2 games.

Key Skills

Physical Me

Kicking

Running

Dribbling

Passing

Agility

Balance

Co-ordination

Value Me:

- Fair Play
- Honesty

Thinking Me

How can I move into a space?

Social Me

- Communication
- Encourage
-Collaboration



Invasion Games you can play...

- Football
- Basketball
- Rugby
- Handball
- Hockey
- Lacrosse
-Netball

Key Vocabulary

- Score
- Space
- Invasion
- Aware
- Inside
- Outside
- Tackle

Key Knowledge

Space - It is important to run into a space so one of your team can see you easily and pass to you.

Stopping the ball - When stopping the ball use the sole, inside or outside of your foot.

Passing - Use the inside of foot, point your foot in direction of pass

Dribble - Use the inside of foot, head up, keep the ball close to you.

Invasion Games have...

Attackers

- **Aim to score a goal or point**
- **Create space**
- **Keep possession**
- **Move into a scoring position**

&

Defenders

- **Try and stop the opposition from scoring**
- **Mark the opposition**
- **Try and win the ball back**

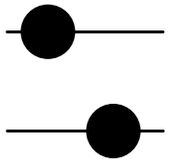
phrase: A musical sentence.



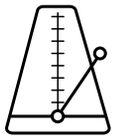
London Bridge is falling down,



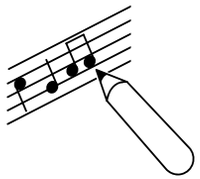
dynamics:
The volume of the music (loud or quiet).



pitch:
How high or low a sound is.



tempo:
The speed of the music (fast or slow).



composer:
A person who writes music.

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Knowledge Organiser

Year 2 - Valuing Difference

Key questions

Being Kind and Helping Others

What can you do if you feel left out? How can you help someone who is being left out?

Why do people leave others out?

Listening Skills

What makes someone a good listener?

How can you be a good listener?

How does being a good listener help you?

How does being a good listener help other people?

What is a different point of view?

Can listening skills help with arguments?

How can good listening skills help with arguments?

Why is it important to listen to another person's point of view?

Key vocabulary

unique calm point of view behaviour listening feelings helpful problem unkind respect different arguments kindness listen special people

I can ...

I can say how I could help myself if I was being left out.

I can give a few examples of good listening skills and I can explain why listening skills help to understand a different point of view

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