



What Materials would Stick Man see around our school?



St Julie Catholic Primary School - Science

Topic: Everyday materials

Year: 1

Strand: Chemistry

What should I already know?

I should remember our visit to 'Build a Bear' when we made a class teddy out of different materials.

I should remember using a feely bag to describe mystery objects using my sense of touch.

float

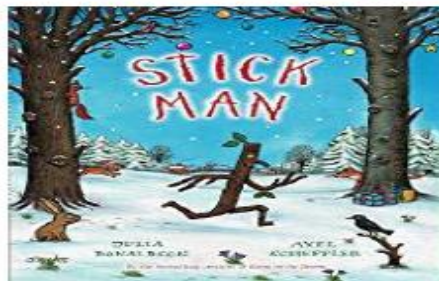


sink

stretch



bend



wood



plastic



metal

Sticky knowledge

I know that objects can be made from different materials.

I know the names of some everyday materials, such as wood, plastic, glass, metal, fabric and water.

I know that different materials have different properties, such as hard, soft, rough, smooth, stiff, bendy, stretchy, waterproof, transparent.



soft

hard

Vocabulary

Senses	Sight and touch help us to learn about the world around us.
Object	A thing we can see or touch.
Material	What things are made out of.





Why are humans not like tigers?



St Julie Catholic Primary School - Science

Topic: Animals including humans.

Year: 1

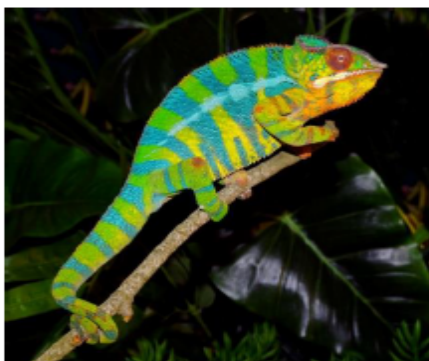
Strand: Biology

What should I already know?

I should remember our visit to The Farm when we talked about the different animals.

We looked after the caterpillar chrysalis and they grew into butterflies.

We can identify the 5 human senses.



A chameleon is a reptile.

A chameleon is an omnivore.



A tiger is a mammal.



A human is a mammal

Vocabulary

mammal	Breathe air, grow hair or fur and feed on their mother's milk.
reptile	Breathe air and have scales on their skin.
amphibian	Live in water as babies and then on land. They have slimy skin.

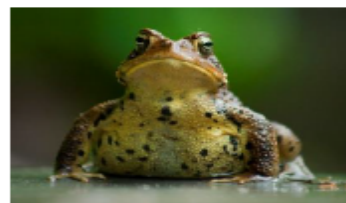
Sticky knowledge

I know the name of some common animals and animal groups e.g. mammals, reptiles and amphibians.

I know that animals can be carnivores - they mostly eat other animals.

I know that animals can be herbivores - they eat plants.

I know that animals can be omnivores - they eat plants and animals.



A toad is an amphibian.
Toad tadpoles are herbivores, but adults are carnivores.



Why do the seasons change?



St Julie Catholic Primary School - Science

Topic: Seasonal Changes.

Year: 1

Strand: Physics

What should I already know?

I know there is day time and night time.

I can talk about different types of weather.

I remember the seasonal changes observed on our Autumn, Winter and Spring walks.



Never look directly at the sun. Even with dark glasses it can damage your eyes.



Vocabulary

season	There are 4 seasons each year, winter, spring, summer and autumn.
daylight	Daylight is when it is light outside. Daylight changes with each season.

Sticky knowledge

I know there are different types of weather.

I know there are changes across the 4 seasons.

I know weather patterns and temperature are related to the seasons.

I know day length and weather change during the different seasons.

Temperature



A thermometer measures the air temperature to show how warm or how cold it is.