



USES OF MATERIALS

WHAT IS A MATERIAL?

Materials are what things are made from. there are many everyday materials.



baked clay glass







person sits down.

absorbent

opaque

bendy

rough

transparent

not bendy

smooth

not absorbent

A property is a quality that a material has. Materials can have several properties. strong, opaque and absorbent.

> Objects are made from materials with suitable

Object: chair seat Material: plastic Properties: Strong ind waterproof so the seat won't break when sat on, and any spills can be wiped off.



strong

 not strong waterproof

not waterproof

WHAT IS A PROPERTY?

For example, wood is hard,

properties.

stretchy rubber band





WHAT IS RECYCLING?

there are three ways we can save the

Reuse items like carrier bags and

Recycle as much waste as

Reduce the number of objects we buy and the amount of

Earth's natural resources.

packaging we use.

envelopes.

possible.

transparent vase

absorbant

Aaterial

rdboard

metal

opaque

transparent

waterproof

Examples Products packaging bottles and jars tins, cans and foil trays newspapers and magazines bottles, pots and trays



An absorbent material easily soaks up liquid.

It stops light from travelling through it, so you cannot see through it.

A transparent material allows you to see through it.

A waterproof material does not let water pass through



Life Cycles













What are microhabitats?

A microhabitat is a small habitat contained within a larger habitat.

rock pool

- what are habitats?
- A habitat is a place where plants and animals live. Habitats have living and nonliving parts. Living parts include the plants and animals that live there.









Food Chains



slug (omnivore)

How do the seasons affect

animals?

In spring, animals reproduce and have

offspring. In summer, young animals

grow and develop. In autumn, animals

prepare for winter. In winter, animals

protect themselves from the cold

weather by sheltering, hibernating or

migrating.

offspring

lettuce (plant)

Adult animals reproduce to have young called offspring. Having offspring is important for the continued survival of all species of animals. Some off spring look like smaller versions of their parents. Others look very different to their parents.

cow











How do humans harm habitats?

Humans can harm the habitats of other living things by using chemicals on their gardens, tidying green spaces and digging up habitats. Litter can also harm habitats.



Humans can help habitats in many







A living thing that feeds consumer on other living things. A period of deep sleep and hibernation inactivity during winter.

wild uncut areas

producer

reproduce

A living thing that makes its own food for energy.

the process of producing offspring.

