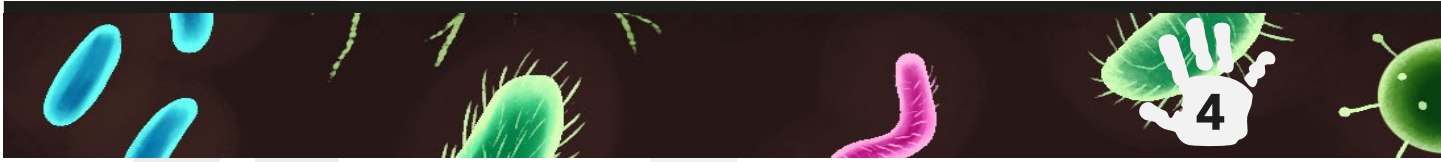


Activity Sheet 4



Life Helpful Hints

If microorganisms are present, you may see bubbles of gas (carbon dioxide) and the bag may begin to swell up.

Life Helpful Hints

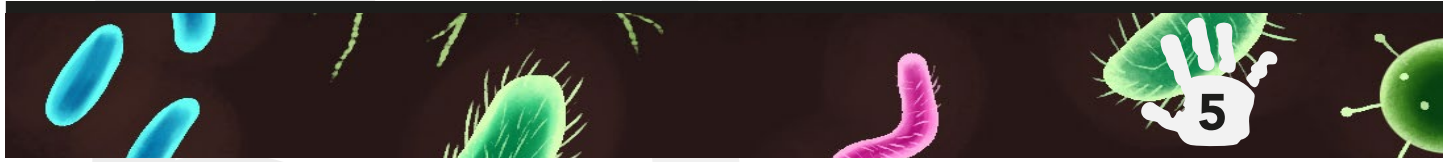
You can make some food for the microorganisms by dissolving 2 teaspoons of sugar in 30ml of warm water (between 45°C and 50°C).

Life Helpful Hints

When the bag is sealed, mix the food with the soil by pressing it with your fingers.

Life Helpful Hints

Make sure you press the bags flat before sealing them!



Life Fabulous Facts

Scientists believe water existed on Mars 1 million years ago. Water may be present under the surface of Mars.

Life Fabulous Facts

Living things need water and food and the right conditions to survive.

Mars is very cold, dry, dusty and windy.

It has hardly any oxygen and has a third of Earth's gravity.

Life Fabulous Facts

Microorganisms may produce gas when given water and food.

Space scientists test soil samples for materials that have come from living things in the past.

Life Fabulous Facts

Microorganisms can live in very extreme places on Earth. They may once have lived on Mars!

Most living things need oxygen but not all microorganisms do.