

# The Earth's Surface

## Vocabulary

Project MSSELL Week 18

### i den ti fy

**identify** (verb) – to give the name of something or to recognize something



**Identify** the brown substance in this picture.

### de scribe

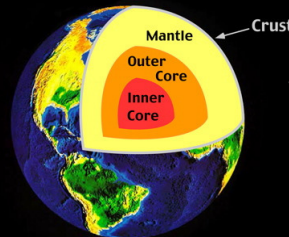
**describe** (verb) – to use words to tell about something



**Describe** this picture.

### Earth's layers

The Earth has four layers. Each layer has a different thickness and different temperature.



The outermost layer is called the crust. The crust is made of solid rocks.

Identify the four layers of the Earth.



Day 1

### land form

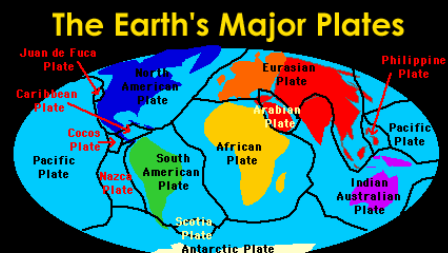
**landform** (noun) – a natural structure on Earth's surface



Identify landforms in this picture.

### plate

**plate** (noun) – a huge piece of Earth's crust that moves very slowly (L1)



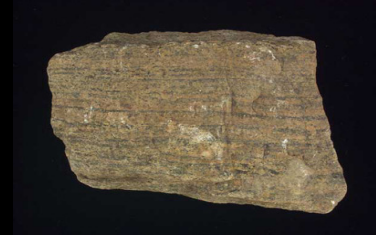
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Day 2

## ob serve

**observe** (verb) – to watch carefully to gain information about something



**Observe** this rock. Describe its appearance.

## rock

**rock** (noun) – solid material made from a mixture of minerals

Scientists classify rocks according to how they were formed. There are three different types of rocks:

- Sedimentary rocks – bits of rock, shells, and remains of plants and animals are pressed together to form rocks



sandstone

- Igneous rocks – formed deep underground from cooled lava



obsidian

- Metamorphic rocks – formed from existing rocks that have been heated up and squeezed deep inside the Earth's crust



marble



Day 3

## soil

**soil** (noun) – a material made out of tiny pieces of rock, minerals, and decayed plant and animal matter (humus)



## prop er ty

**property** (noun) – a characteristic of a substance

Two properties of soil are texture and ability to retain water.

Texture is the way something feels. The different sized particles give soil its texture.



Predict the texture of sandy soil.

Another property of soil is its ability to retain water. Retain means to hold.



Different kinds of soil retain water differently.

## test

**test** (verb) – to conduct an investigation to identify a property or characteristic



You can **test** soil for its ability to retain, or hold, water.



Day 4