

Rocks & Fossils Quiz

Rocks Quiz

How many different types of rock are there?

A 4

B 3

C 5

Rocks Quiz – ANSWER!

How many different types of rock are there?

A

4



B

3



C

5



Rocks Quiz

What is the name of rock that is formed from lava or magma?

A Metamorphic rock

B Igneous rock

C Sedimentary rock

Rocks Quiz – ANSWER!

What is the name of rock that is formed from lava or magma?

A

Metamorphic rock



B

Igneous rock



C

Sedimentary rock



Rocks Quiz

What type of rock is created on the seabed?

A Metamorphic rock

B Igneous rock

C Sedimentary rock

Rocks Quiz – ANSWER!

What type of rock is created on the seabed?

A Metamorphic rock



B Igneous rock



C Sedimentary rock



Rocks Quiz

Which of the following statements is true?

A Metamorphic rock is formed from sedimentary rock

B Metamorphic rock is formed from igneous rock

C Metamorphic rock can be formed from both igneous and sedimentary rock

Rocks Quiz – ANSWER!

Which of the following statements is true?

A

Metamorphic rock is formed from sedimentary rock



B

Metamorphic rock is formed from igneous rock



C

Metamorphic rock can be formed from both igneous and sedimentary rock



Rocks Quiz

What is permeability?

- A** How hard-wearing the rock is
- B** How easily the rock splits
- C** Whether water can pass through the rock

Rocks Quiz – ANSWER!

What is permeability?

A

How hard-wearing the rock is



B

How easily the rock splits



C

Whether water can pass through the rock



Rocks Quiz

Which rock floats?

A Chalk

B Marble

C Pumice

Rocks Quiz – ANSWER!

Which rock floats?

A Chalk



B Marble



C Pumice



Rocks Quiz

Which is the best kind of rock to tile a roof with?

A Granite

B Slate

C Pumice

Rocks Quiz – ANSWER!

Which is the best kind of rock to tile a roof with?

A

Granite



B

Slate



C

Pumice



Rocks Quiz

Why is granite often used for steps?

A Because it doesn't float

B Because it wears away easily

C Because it doesn't wear away easily

Rocks Quiz – ANSWER!

Why is granite often used for steps?

A Because it doesn't float



B Because it wears away easily



C Because it doesn't wear away easily



Rocks Quiz

What could happen to a statue made from chalk?

A It could crumble over time

B It would split into thin sheets

C It could float away

Rocks Quiz – ANSWER!

What could happen to a statue made from chalk?

A

It could crumble over time



B

It would split into thin sheets



C

It could float away



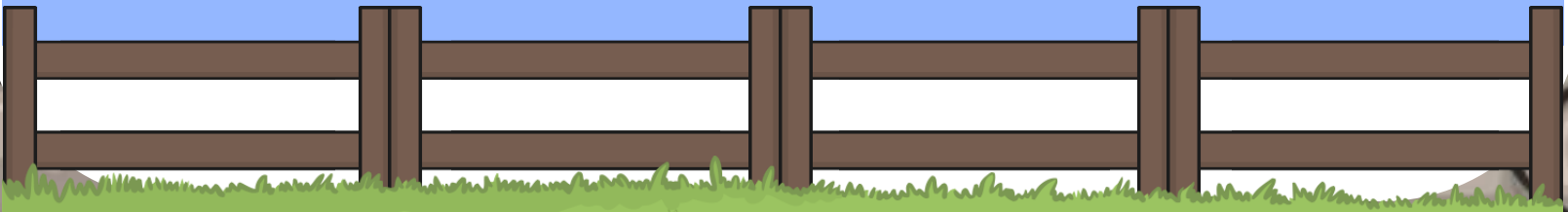
Rocks Quiz

Soil is a mixture of broken down rocks and decaying leaves, all mixed together by worms and bugs over thousands of years.

How many types of soil do you think there are and why?

Correct Answer: There are hundreds of different types of soil, because there can be so many combinations of different kinds rocks.

Although there are hundreds of different types of soil, there a 6 main types...



Matching Rocks and Soils

Can you match the soil to the rocks it is made from?

Clay, Sandstone and Siltstone



Chalk



Sandstone



Clay



Peat



Loamy Soil



Peaty Soil



Chalky Soil



Clay Soil

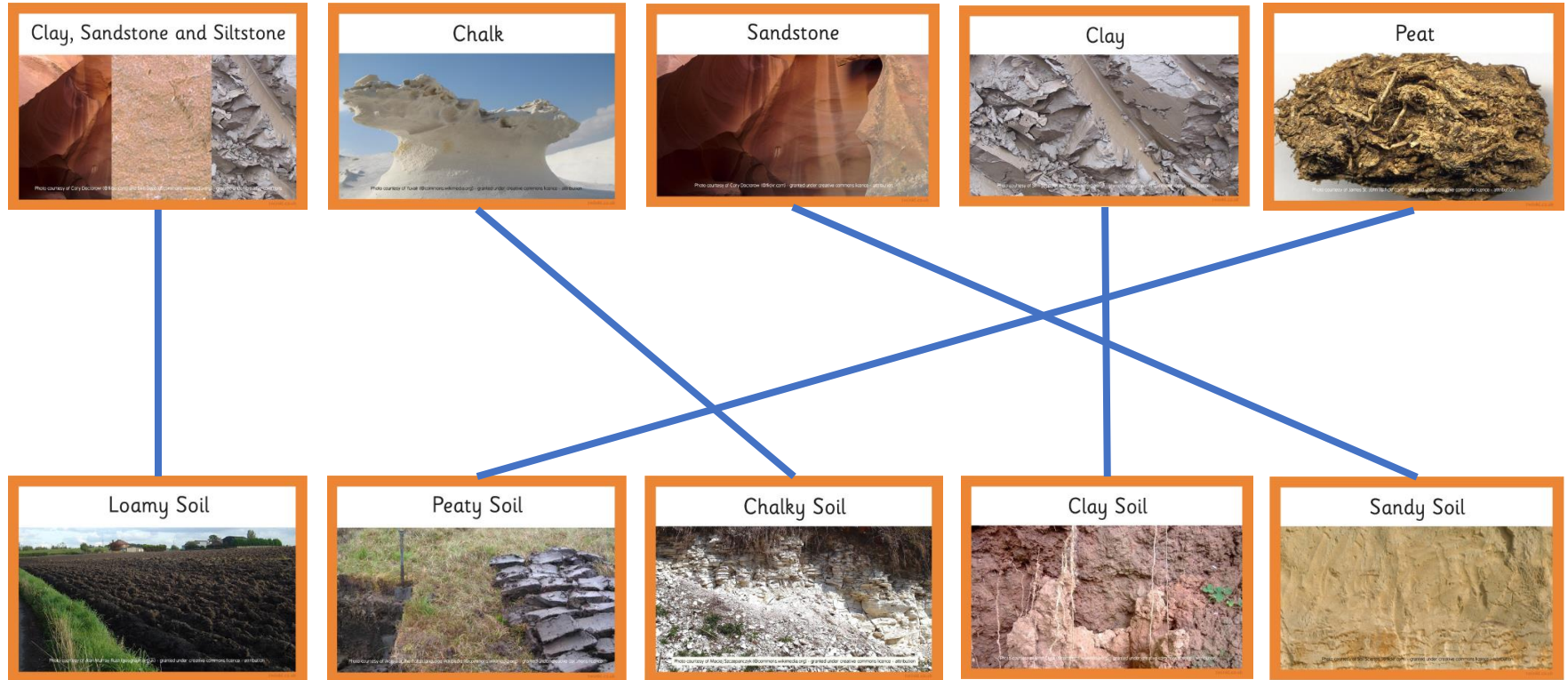


Sandy Soil



Matching Rocks and Soils

Can you match the soil to the rocks it is made from?



Soil Permeability

Just like rocks, soils differ in terms of how **permeable** they are.

Why does it matter?

We grow much of our food in soil, including vegetables, fruit, wheat and rice. The permeability of the soil affects how well a plant will grow.

Key Terms:

Permeable means that liquids flow through it.

Semi-permeable means that some liquid manages to flow through it.

Impermeable means that liquid cannot flow through it.

Which Soil is Best?

Did You Know?

The best soil texture for growing plants is loam, which is a mixture of clay, silt and sand. This is because it holds some water, but also lets excess water drain through it.

Clay soil holds a lot of water and doesn't have much room for air. This means plants struggle to grow because they become too wet.

Sandy soil holds lots of air and can become very dry. If the soil cannot hold enough moisture plants can not grow very well.

