

Materials

# Rock





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Cassie Mayer

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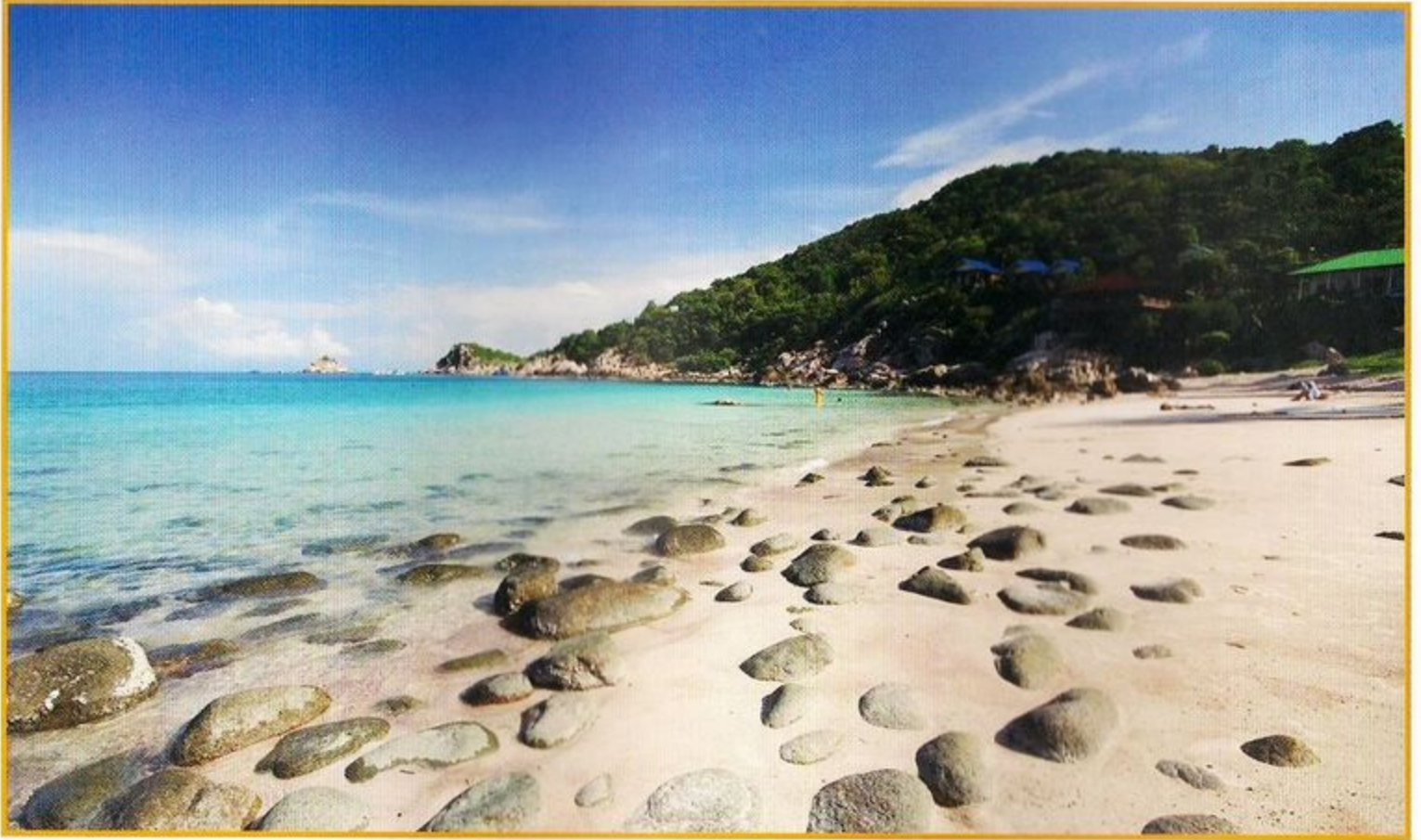
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# What is rock?



Rock is a material.

It is found in the world around us.



Rocks come in many colours.



Rocks come in many sizes.





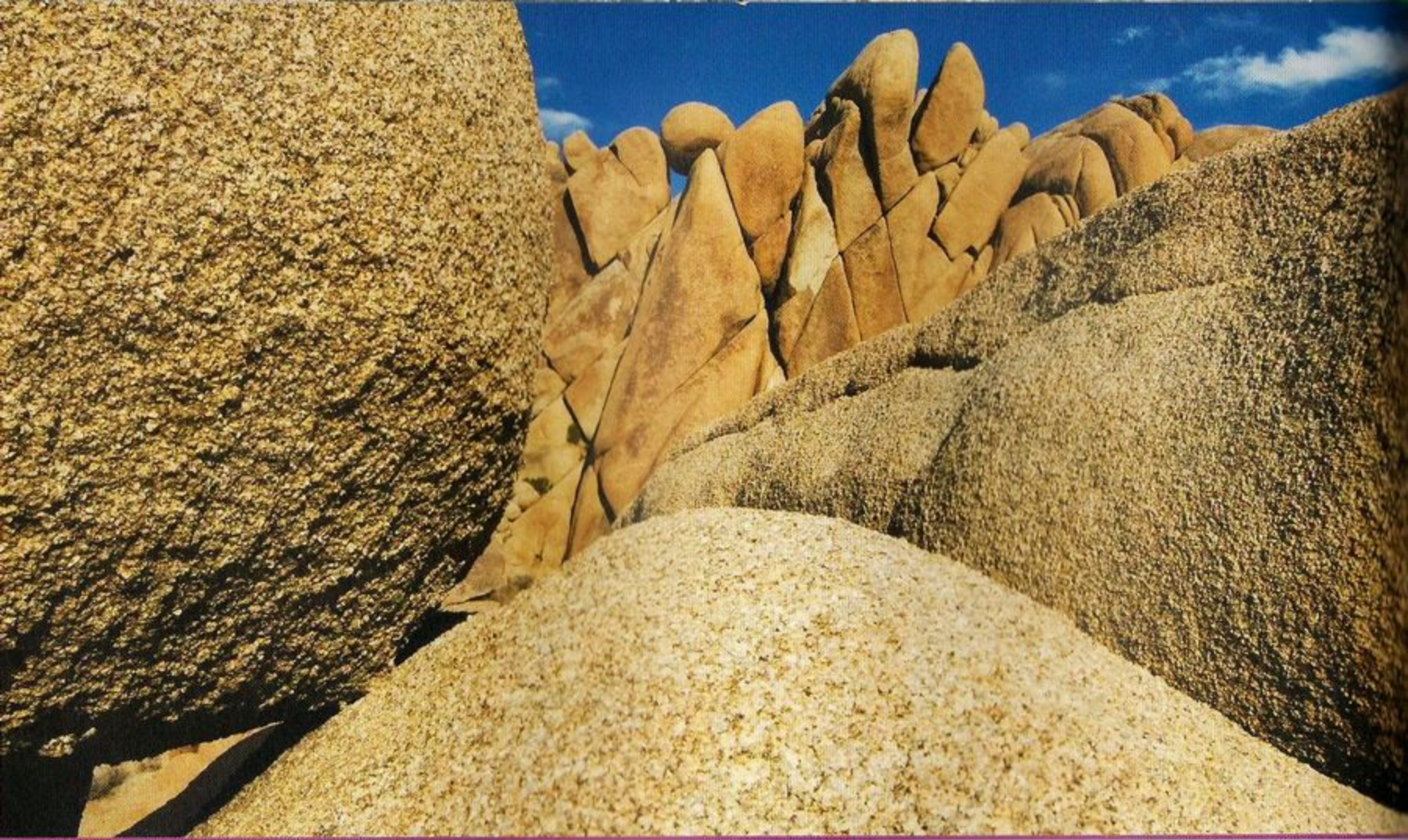
Rocks come in many shapes.



Some rock is hard.  
Granite is a hard rock.



Some rock is soft.  
Chalk is a soft rock.



Rocks can be big.



Rocks can be small.

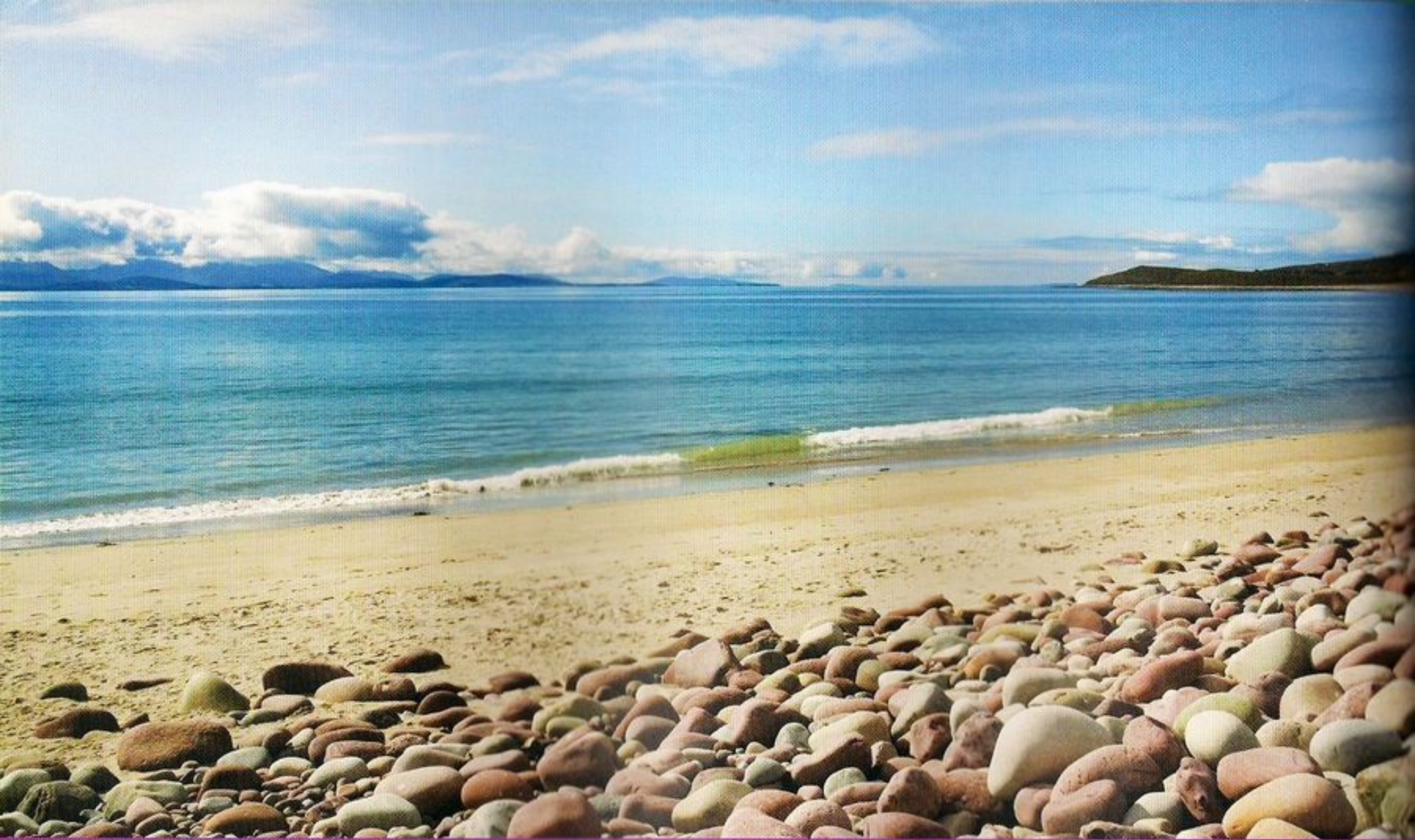
# Where are rocks found?



Rocks are found above the ground.



Rocks are found below the ground.



You can see rocks on a beach.

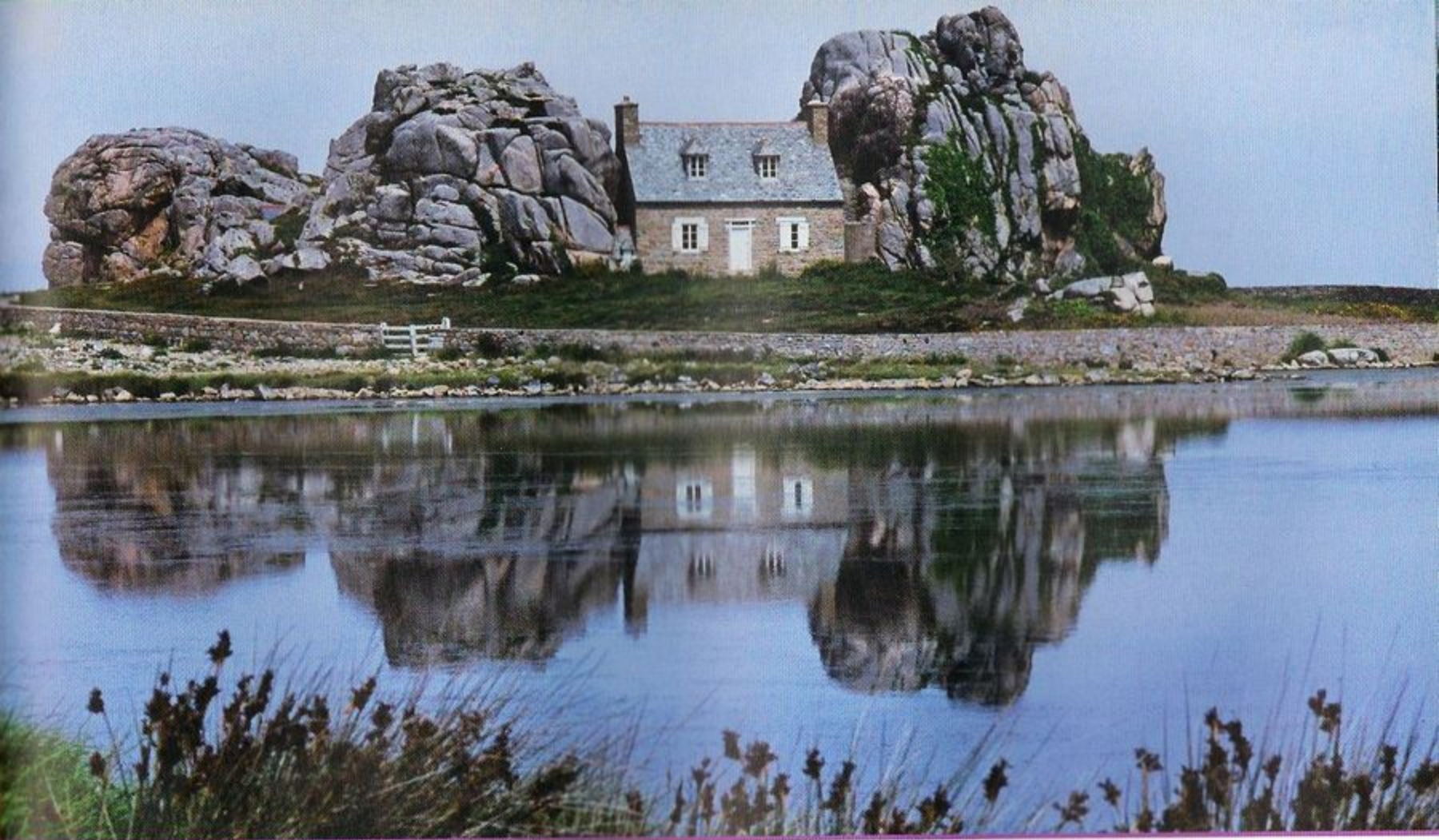




You can see rocks under water.

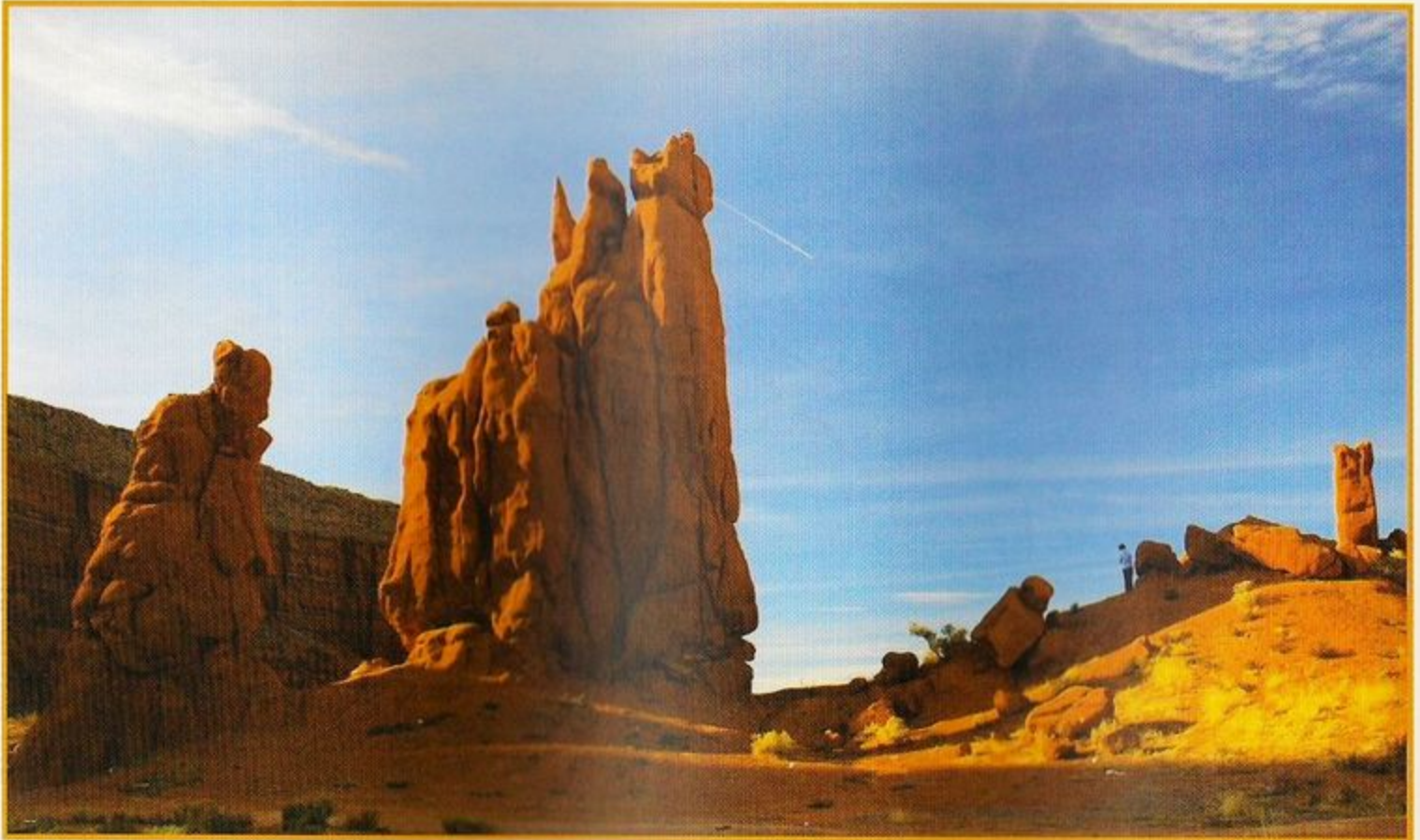


You can see rocks in fields.



This house is in between two rocks.

# Can rocks change?

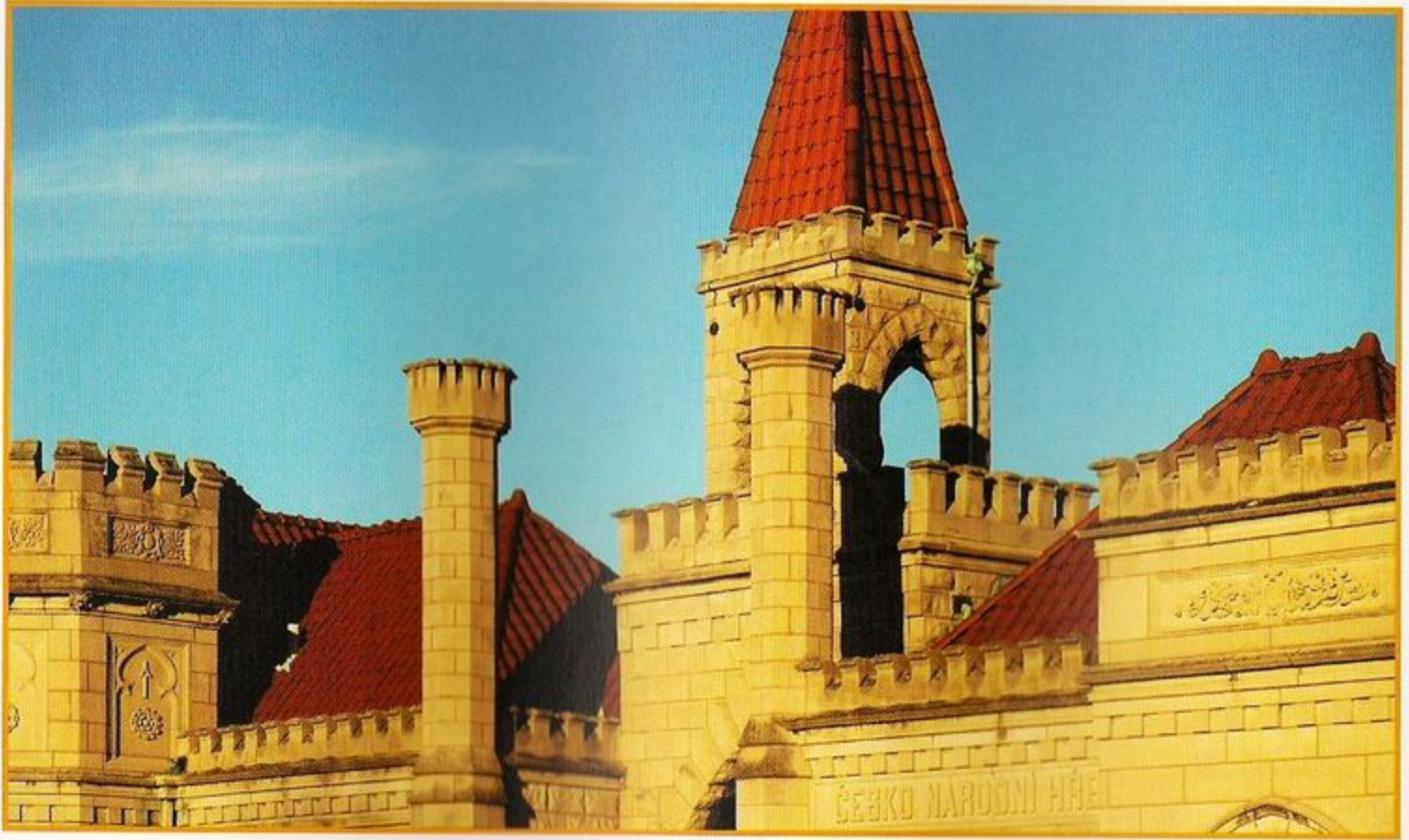


The wind can change the shape of rocks.



The sea can change the shape  
of rocks.

# How do people use rocks?



Rocks are used to make buildings.



Rocks are used to make jewellery.

# Types of rock



◀ marble



▲ diamond



◀ granite



# Picture glossary



**beach** area near water. Beaches are covered with sand and rocks.



**field** open area of land



**sea** the salt water that covers most of the Earth. Over a long time, the sea can wear rock away.

## Content vocabulary for teachers

**material** something that can be used to make things

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## Notes for parents and teachers

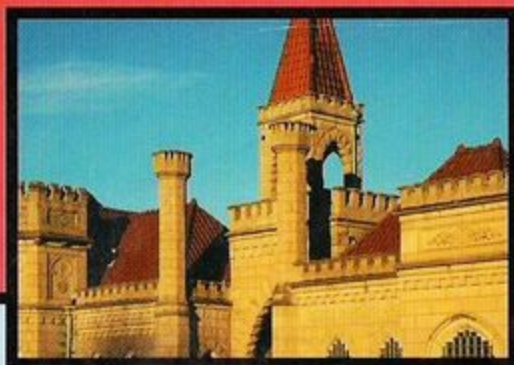
**Before reading** Put items made of materials such as wood, plastic, metal, rock, and rubber in a closed bag. Challenge the children to feel in the bag and, without looking, identify the object made of rock. What did it feel like? Was it cold to touch? Is it heavy? Talk about rocks. Have the children ever picked up pebbles on a beach? Have they ever climbed over a big rock?

### After reading

- Give each child a pebble and some poster paints. Tell them to paint a face on the pebble. Encourage them to use the natural curve of the pebble for features such as the nose or an ear.
- Invite children to bring in different examples of small rocks. Help the children to sort them; for example, by colour or feel.



# Rock



## How are rocks used?

Read this book to learn all about rock as a material.

### Literacy consultants

Diana Bentley and Dee Reid both have MAs in Children's Literature. Their work combines lecturing, writing for teachers, and working with children in primary classrooms.

### Subject consultant

Sally Blake is the faculty research director of a school and research institute for Early Childhood Education. These books were evaluated by the Early Childhood teachers in Montessorri and Reggio programmes.

Books in this series introduce children to the exciting world of materials. Each book uses simple, repetitive text to teach basic vocabulary and includes stunning photographs that illustrate the properties of each material.

In *Rock*, readers learn where rocks can be found, how rocks can look, and the different ways rocks are used.

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