



ROCK NAME: BASALT

ITS STORY: This rock cooled quickly from lava erupted on the seafloor. It has light colored minerals (called feldspar) that formed in the magma before eruption.



ROCK NAME: LIMESTONE

ITS STORY: This rock began as the skeletons of marine organisms. With time and pressure the open spaces were filled, which made the rock harder and denser.



ROCK NAME: MUDSTONE

ITS STORY: This rock is a sedimentary rock that formed from very fine grained particles (silts, clays = mud) and bits and pieces of vegetation like bark, twigs and seeds (fossils) from the nearby continental coast

SOME ROCKS AND WHERE THEY COME FROM

1. Examine the rocks on the table
2. Find the rock in this booklet and read its story
3. Match the rocks to their origin in the worksheet.



ROCK NAME: PILLOW BASALT

ITS STORY: This rock formed from lava on the seafloor that cooled so quickly that minerals could not grow. Instead, the outer surface is what geologists call "glass", which is dark black and shiny.



ROCK NAME: SCHIST

ITS STORY: This rock began as a layered sediment (dark and light bands) that was heated and squeezed to make much harder minerals (quartz and mica)