

Nova's Guide to Remarkable Rocks

Grab your magnifying glass and join Nova the owl on an underground adventure!

■ **Igneous rocks are formed when hot, melted rock called magma cools down and turns solid.**

■ **Sedimentary rocks form in layers over a long time when sand and mud are squashed together at the bottom of lakes or oceans.**

■ **Metamorphic rocks start as other rocks, but they change shape and texture when they are squeezed by heat and pressure deep underground.**

■ **Fossils are often found inside sedimentary rocks, showing us the shapes of creatures that lived on Earth a very long time ago.**

■ **The hardness of a rock tells us how easy it is to scratch or break; some rocks like granite are very hard and tough.**

Did you know? Did you know? Chalk is a type of rock that is so soft you can use it to draw on a blackboard! It is actually made from the tiny shells of sea creatures that lived millions of years ago.

Key vocabulary: Igneous · Sedimentary · Metamorphic · Fossil · Permeable · Texture · Hardness