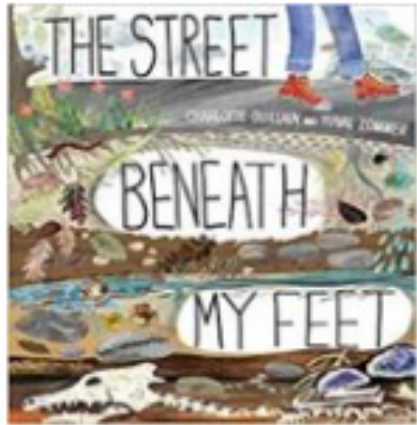


# Earth Rocks Knowledge Mat

| Subject Specific Vocabulary |   | Interesting Book  | Sticky Knowledge about our rocks and magnets   |
|-----------------------------|---|---|--|
| <b>fossil</b>               | A fossil is the preserved remains or traces of a dead organism.   |  | <input type="checkbox"/> Rocks have been used by humans for millions of years, from early tools and weapons through to construction materials for modern buildings.  |
| <b>soil</b>                 | Soil consists of a mix of organic material (decayed plants and animals) and broken bits of rocks and minerals.  |   | <input type="checkbox"/> Sediment deposited over time, often as layers at the bottom of lakes and oceans, forms sedimentary rocks.   |
| <b>crystals</b>             | Crystals are a special kind of solid material where the molecules fit together in a repeating pattern.  |   | <input type="checkbox"/> Extreme pressure and heat over time forms metamorphic rocks. Examples are marble and slate.   |
| <b>sedimentary</b>          | Sedimentary rocks are made when sand, mud and pebbles get laid down in layers. Over time, these layers are squashed under more and more layers.                         |   | <input type="checkbox"/> When magma cools and solidifies it forms igneous rock. Examples are granite and pumice.   |
| <b>metamorphic</b>          | When a rock experiences heat and pressure, it becomes a metamorphic rock. All metamorphic rocks start as another type of rock.  |   | <input type="checkbox"/> The Earth is a very big magnet. Its North and South poles are highly magnetic.  |
| <b>igneous</b>              | Igneous rock is formed when magma cools and solidifies. It may do this above or below the Earth's surface.  |   |  |
| <b>magnetic pole</b>        | Either of two areas on the earth's surface, one near the geographic north pole and one near the geographic south pole, where the Earth's magnetic fields are strongest. |   |  |
| <b>organic matter</b>       | Organic matter is matter that has come from a recently living organism. It is capable of decaying.  |   |  |
| <b>attract and repel</b>    | A magnetic field is the area around the magnet where it can attract or repel things. When you bring two magnets together they will either attract or repel.             |   |  |
|                             |   |   | <b>Important facts to know by the end of the rocks and magnets topic:</b> <ul style="list-style-type: none"> <li>• Know how fossils are formed.</li> <li>• Know what soil is.</li> <li>• Know the difference between igneous, sedimentary and metamorphic rocks.</li> <li>• Group together different rocks according to different attributes.</li> </ul> |