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| T:\Riverside Logo.png | **How are fossils made?** Subject Area: Science |  |
| Key Learning |

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| Vocabulary |
| Key words | igneous rock |  | Rock that has been formed from magma or lava. |
| sedimentary rock |  | Rocks formed from layers of sediment which are then crushed under the pressure of yet more layers. |
| metamorphic rock |  | Rocks formed when one type of rock is changed into another type by pressure and heat. |
| magma |  | Hot liquid rock below the surface of the Earth. When a volcano erupts it can be seen, and is called lava. |
| fossil |  | The remains of a prehistoric plant or animal embedded in rock. |
| Sparkle Words | geologist |  | A scientist who studies the surface of the Earth, especially rocks. |
| palaeontology |  | The study of fossils. |
| permeable | A material that allows water to pass through it. |
| impermeable | A material that prevents water from passing through it. |

This learning will help me to:

* recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.
* Find out about the composition of the Earth and the rock cycle.

Key Skills

* Enquiry and research – ask questions and try to find the answers!
* Classify and group different types of rock