**Knowledge Organiser**

Science: Year 3

**The Pebble in my Pocket**

By Meredith Hooper & Chris Coady

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| Conglomerate | A type of sedimentary rock made of rounded pebbles cemented together with particles of sand |
| Core | The centre of the Earth, split into the inner and outer core. |
| Crust | The outside layer of the earth. Made of solid rock, mostly basalt and granite. |
| Deposition | When sediment is dropped on land or at the bottom of the sea |
| Erode | Gradually wear away |
| Geology | Study of the Earth – what is is made of, its history and life, including rocks |
| Igneous rock | Formed when magma cools |
| Inner core | The hottest part of the Earth. Made of nickel and iron so hot it is solid. |
| Mantle | The layer underneath the crust. Made of hot, semi-molten rock called magma. |
| Metamorphic rock | Formed when other rocks are changed by temperature and pressure |
| Outer core | Very hot, molten rock surrounding the inner core. Made of nickel and iron. |
| Sediment | Small solid particles – of rock or plant and animals remains - that are moved around |
| Sedimentary rock | Formed when sand, silt and pebbles are deposited in layers then compressed |