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| **Science** | **Changes of materials** | **Year 5** |
| **Key Vocabulary** | **Key Knowledge** |
| **word** | **definition** |  |
| matter | Anything that has mass and volume (takes up space). |
| **Carbon dioxide** | gas which makes up around 0.04% of our atmosphere |
| **Chemical change** | a type of change in which a new substance is formed |
| **Combustion** | an irreversible change where a fuel uses oxygen to burn and releases energy |
| **Corrosion** | the reaction of a metal with oxygen |
| **Effervescence** | fizzing or bubbling |
| **Evaporate**  | the process where a liquid changes to a gas |
| **Extinguish** | to put out a fire |
| **Fair test** | an experiment that only changes one variable |
| **Reaction** | process in which substances are converted into different substances |
| **Reversible**  | a change to a substance that can be undone or reversed |
| **Solute** | a substance that can be dissolved in liquid |
| **Solvent** | a substance that can dissolve in a solute |
| Careers connected to changes of materials:Laboratory technicians, technical associates, research analysts, chemistry teachers |