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| **Science**  **Materials**  Year 5 | Self Assessment |
| * Can I compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets? |  |
| * Do I know that some materials will dissolve in liquid to form a solution, these are soluble and solids that do not dissolve are insoluble? |  |
| * Do I understand why a material is suitable or not suitable for a specific purpose based upon its physical properties? |  |
| * Do I understand when some materials are mixed, they can be separated by sieving, filtering, evaporating or by magnetic properties and that these changes are reversible? |  |
| * Do understand that when some materials are mixed a chemical reaction can create a change of state or a new material and that these changes are irreversible e.g. burning and rusting? |  |
| * Do I understand that heating can sometimes cause materials to change permanently and when this happens, a new substance is made? |  |

√ Tick to show which objectives were covered

Science Pink highlight to show pupil has understood

 Pupil to colour face to show how they felt they understood