

Term 2 Year 2 Science Menu 2017

The big question: What causes change?

| Learning Intentions | Learning Experiences |
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| <p>To explore, identify and sort a variety of materials and describe their properties</p> | <p>Skwirk video clips Draw materials you know http://www.bbc.co.uk/schools/scienceclips/ages/6_7/grouping_materials_fs.shtml Materials walk - What different materials can you see? Why is this material used? Feely bag/boxes- oral language partner talks Describe materials using senses http://www.bbc.co.uk/schools/scienceclips/ages/7_8/characteristics_materials.shtml</p> |
| <p>To understand why different materials are used for different purposes</p> | <p>Record objects and what they are made of. How could you change one of the objects? Design and make a... using appropriate materials 'How it's made': balloons, marbles, candles</p> |
| <p>To investigate the effects of mixing materials together</p> | <p>Oil and water experiment</p> |
| <p>To identify recyclable materials and explain how they can be changed or remade</p> | <p>Sorting objects by various attributes Recyclable and non-recyclable materials</p> |
| <p>To recognise how everyday materials can be physically changed in a variety of ways</p> | <p>Explore how materials such as water, chocolate or play dough change when warmed or cooled.</p> |
| <p>To test the properties of different materials</p> | <p>Waterproof, flexibility, strength, floats or sinks, magnetic http://www.bbc.co.uk/schools/scienceclips/ages/5_6/sorting_using_mate_fs.shtml</p> |