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| **Next Generation Science Standards ~ Physical Sciences for Grade 2** | | | |
| **Disciplinary Core Ideas** | | **Performance Expectations** | **Evidence of Learning** |
| **PS1.A**  **Structure and Properties of Matter** | Different kinds of matter exist and many of them can be either solid or liquid, depending on temperature. Matter can be described and classified by its observable properties. (color, texture, hardness, flexibility…patterns include similar properties that different materials share) | 2-PS1-1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. |  |
| Different properties are suited for different purposes. (strength, flexibility, hardness, texture, and absorbency…quantitative measures is limited to length) | 2-PS1-2 Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. |  |
| A great variety of objects can be built up from a small set of pieces. (pieces could include blocks, building bricks, or other assorted small objects) | 2-PS1-3  Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object. |  |

**Nature of Science:** Every human-made product is designed by applying some knowledge of the natural world and is built on using material derived from the natural world.