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| **SCIENCE** | |
| **Wide Range of Open-Ended Objects and Materials** | |
| **TYPES OF MATERIALS** | **SAMPLE MATERIALS** |
| **Materials for building and construction:**  Open-ended materials can be used in multiple ways; this allows for investigation, creativity, and problem- solving. | Blocks of various shapes, sizes, and materials (e.g., wood, foam, cardboard)  Boxes Cardboard, planks, ramps  Carpentry tools Gutters, hollow tubes Logs Nuts and bolts Screws Sticks Straws Wheels, wheeled objects  Other construction materials |
| **Collections of objects and reclaimed materials:**  For exploration of diverse materials and use in sorting, classifying, and ordering activities. | Bottles Boxes of various sizes Buttons Collection of balls of different sizes Collection of different types of animals (for sorting and pretend play) Collection of household tools made from metal, wood, plastic  Collection of musical instruments Corks Fabrics (e.g., a collection of gloves made of wool, rubber, leather)  Glass nuggets Metal lids  Plastic lids Screws Shakers, maracas, castanets Styrofoam pieces Wind chimes Woodchips |
| **A variety of substances/ materials** | Cooking utensils  Corn starch  Dough Eggshells  Flour  Liquids  Salt  Sugar |
| **Natural materials - Earth materials:** Natural materials found on Earth. | Clay Crystals Minerals Rocks Sand Seashells Soil Tools to dig and explore soil (e.g., trowels, containers, magnifiers, trays) Tools to explore water (e.g., water table, clear plastic tubes, connectors, funnels, containers) Water |
| **Natural materials - plant materials:**  Materials derived from plants and animals. | Bark Cotton Feathers Fruits Fur Leaves Seeds, seed pods (e.g., pinecones)  Tree logs  Twigs |