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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) BoxesCardboard, planks, ramps Carpentry toolsGutters, hollow tubesLogsNuts and boltsScrewsSticksStrawsWheels, wheeled objects Other construction materials |
| **Collections of objects and reclaimed materials:** For exploration of diverse materials and use in sorting, classifying, and ordering activities. | BottlesBoxes of various sizesButtonsCollection of balls of different sizesCollection of different types of animals (for sorting and pretend play)Collection of household tools made from metal, wood, plastic Collection of musical instrumentsCorksFabrics (e.g., a collection of gloves made of wool, rubber, leather) Glass nuggetsMetal lidsPlastic lidsScrewsShakers, maracas, castanetsStyrofoam piecesWind chimesWoodchips |
| **A variety of substances/ materials** | Cooking utensils Corn starch DoughEggshells Flour Liquids SaltSugar |
| **Natural materials - Earth materials:**Natural materials found on Earth. | ClayCrystalsMineralsRocksSandSeashellsSoilTools 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.  | BarkCottonFeathersFruitsFurLeavesSeeds, seed pods (e.g., pinecones) Tree logs Twigs  |