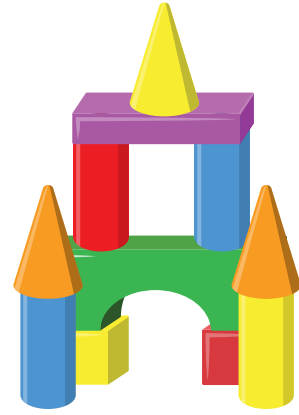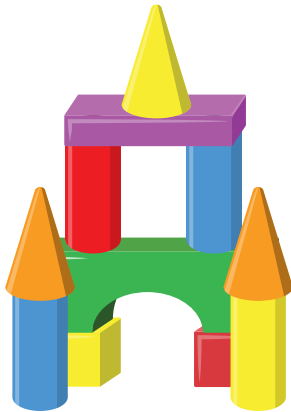**BUILDING**
Challenges

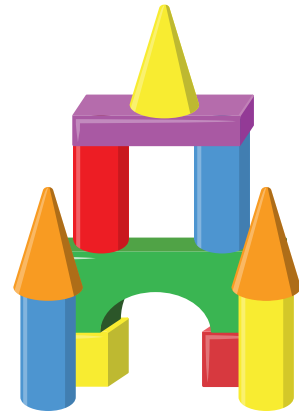**BUILDING**
Challenges

BUILDING
Challenges

BUILDING
Challenges

People, Plants, and Animals

HARD

With a partner, design and build a model of yourself lying on the floor.

With a partner, design and build a moving robot with different tools in its right and left hands.

Design and build a flowering plant with roots, a stem, leaves, and a flower.

Design and build one of your favorite animals with moving body parts.

People, Plants, and Animals

HARDER

With a partner, design and build a model of yourself, with at least three body systems, lying flat on the floor. (Body systems: bones, breathing, heart and circulation, intestines …)

With a partner, design and build a moving robot with different designs on or equipment in its right and left hands and feet.

Design and build a budding tree with roots, a trunk, branches and stems, and small spring buds.

Design and build a predator and prey in chase.

People, Plants, and Animals

HARDEST

With a partner, design and build a model of yourself with at least four body systems, lying flat on the floor. (Body systems: skeletal, respiratory, circulatory, digestive, neurological ...)

With a partner, design and build a moving robot with specialized components on its right and left hands, feet, limbs, chest, and head.

Design and build a small flowering garden with taller plants and others that spread out.

Design and build a tree with animals living in it that depend on the tree for survival or a home. (Choose a tree from a specific habitat – rain forest, woodland, mountain, desert, or wetland.)