GUESS MY DESIGN

GRADES K-2

MATERIALS
6 items from around your home that are different 3-dimensional solids (for example: 2 balls, 2 cans of food, and 2 empty food or tissue boxes).

OBSERVE
Give children time to find and explore their three objects.

CREATE
Have children build a structure using the three objects that are each a different 3-dimensional solid. Do not look at their design!

PLAY
Play Guess My Design by having children describe their structure to you. Using the other similar objects try to build their design based on their description.

KEY CONCEPTS
- Geometry
  Explore attributes of three dimensional solids.
- Design and Engineering
  Explore principles of design and engineering through building with objects.
- Attend to Precision
  Use precise language when describing how to make the structure to a partner.

QUESTIONS TO ASK
- How do I make your structure?
- What object do I use first? (next, last)
- Where do I place ____? (Emphasize geometrical vocabulary - cube, cylinder, sphere, etc.)
- Does it go ____? (Emphasize directional words - center, right, left, top, bottom, front, back, side)

THINGS TO NOTICE
- Child’s joy and excitement in designing and building.
- Vocabulary the child uses as they are building and describing their design.
- Child’s attention to physical properties or attributes of objects that allow them to stack, etc.