

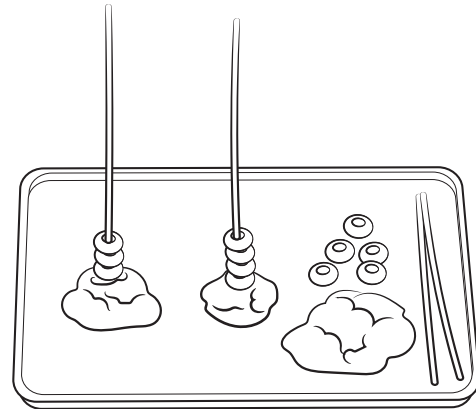
# Cereal Towers

## Objectives

- Children will make predictions.
- Children will engage in design and building.
- Children will develop fine motor skills.
- Children will make tactile discoveries.

## Materials Needed

- Play dough
- Dry spaghetti
- Cereal (shaped like a doughnut, with a through hole)
- Activity tray



## Getting Started

- Place the play dough on a table.
- Place cereal and dry spaghetti on the tray.

## Activity

1. Tell the child that you will be making cereal towers! Inform the child that he or she can use only the materials on the table and tray, and the challenge is how tall the child can make the tower without it tipping over during a wind test. Describe the wind test (blowing on the tower) so the child considers it as he or she designs and builds.
2. Invite the child to try building. During building, ask the child to describe what he or she is doing and give hints about adjustments the child can make to the tower.
3. Once the tower is complete, have the child conduct the wind test. Instruct the child to blow on the tower to see if it is structurally sound/strong. If the tower stays standing, challenge the child to build a taller tower. If it falls, encourage the child to keep trying until he or she is successful. Remind the child that it's okay if the test wasn't successful and to use what he or she learned from the previous test(s) to build a new tower.

## Extended Learning

For more hands-on STEM activities that include a popular children's story, plus building materials, try our [Rapunzel Problem Solving STEM Kit](#).