



# MACY'S SINGING TREE GUMDROP CHALLENGE

**YOU'RE CHALLENGED TO CREATE THE TALLEST TREE POSSIBLE BY USING ONLY GUM DROPS AND TOOTHPICKS.**

Hint: a strong Foundation can help you build a tall and sturdy tree!



## **REQUIRED SKILLS:**

Perseverance (You might fail along the way, but keep trying!)

## **SUGGESTED MATERIALS:**

Toothpicks, gumdrops, ruler or other measuring tool

## **QUESTION TO PONDER:**

What different shapes do you see as you build your gumdrop tree?

## **DIRECTIONS:**

- 1** Push a gumdrop into the end of a toothpick. Continue to add toothpicks and gumdrops to build the tallest tree that you can!
- 2** Measure how tall your tree is.

## **EXTENSIONS OF ACTIVITY**

# **S.T.E.A.M.**

**SCIENCE - USE YOUR FIVE SENSES (SIGHT, SOUND, SMELL, TASTE, TOUCH) TO DESCRIBE A GUMDROP.**

**MATH - DRAW 2D SHAPES ON PAPER AND THEN CONVERT THEM INTO 3D SHAPES USING TOOTHPICKS AND GUMDROPS.**