



March STEM Challenge

Leprechaun Tower

Challenge: Construct a **tower** for a leprechaun in order to keep his gold safe using only straws, pipe cleaners and tape. The tower that holds the most gold (pennies) will be declared the winner.

Materials:

- Straws
- Pipe cleaners
- Tape
- Pennies
- Small dish/cup to hold pennies *add a picture of a leprechaun to the cup to make it festive 😊

Submission:

- ✓ Make a plan with your group, then draw and label your tower
- ✓ Explain why you believe your tower will be successful
- ✓ Record your results
- ✓ Describe changes you would make to improve your tower
- ✓ Please submit your responses to us by mail, GST Pony, or email to **STEM Resource Center 3153 Lake Road Horseheads, NY 14845**
stem@gstboces.org
- ✓ Please make sure that your submission has your **name (written LEGIBLY), grade, teacher, school, and district.**
- ✓ **Due Date: 3/23/2018**

NAME _____ Grade _____

Teacher _____ School _____

Leprechaun Tower Challenge

Materials: straws pipe cleaners tape pennies
small dish/cup to hold pennies (with Leprechaun picture attached)



STEP 1: Make a plan with your group.
Draw and label your tower.

A large, empty rectangular box with a dashed black border, intended for students to draw and label their tower design.

STEP 2: Explain why you believe your tower will be successful.

STEP 3: Record your results.

Our tower held _____ pennies

STEP 4: What changes would you make to improve your tower?

