

# Star Wars

TRANSMISSION TOWER

## **Description:**

Students will compete to create the tallest transmission tower using inexpensive supplies.

## **Difficulty Level:**

Jedi

# Materials Needed (Per Group):

- 10 Dixie Cups
- 10 Notecards
- 4 Craft Sticks
- 3 Rubber Bands
- 2 Sheets of Paper
- 2 Paperclips
- 1 Marshmallow (satellite dish)
- 1 Foot of Tape
- Scissors

# Student Directions

The Resistance has an urgent message that they need to get to their allies in the outer rim planets. Unfortunately, their transmission towers have been destroyed. Your task is to create the tallest tower possible. Time is of the essence.



# Regulations

- Your tower must be able to support itself. The tower can't lean on anything or be taped to anything (i.e., table).
- Your tower must stand for 30 seconds for the message to be successfully delivered.
- The top of the tower must be able to support the satellite dish (marshmallow).
- You may only use the supplies you are given; however, you do not need to use all the supplies.
- You will have 40 minutes to design, test, and create your transmission tower.



***May the force  
be with you!***