

NAME \_\_\_\_\_

## Spooky Static Electricity

Use tissues and markers to design some friendly, scary, or mischievous ghosts. Work with your classmates to complete these three static electricity challenges.



### CHALLENGE #1

#### Flying Ghosts

1. Rub your balloon on your shirt to create a static charge.
2. Slowly lower your balloon over your ghosts, causing them to rise toward the balloon and "fly" upward.
3. Try taping the tail of a ghost to your desk to watch it rise but not "fly."



### CHALLENGE #2

#### Tricky Ghosts

1. Tie a length of thread around a ruler.
2. Fasten a ghost to the dangling end of the thread with tape and suspend the ruler between two desks.
3. Rub your balloon on your shirt to create a static charge.
4. Move your balloon around the dangling ghost to see what tricks you can make it perform.

### CHALLENGE #3

#### Capture the Manuscript

In *Goosebumps 2: Haunted Halloween*, an unfinished version of one of R.L. Stine's manuscripts is key to the adventure. Can your ghosts capture the manuscript?

1. Cut a tiny booklet from card stock to represent the manuscript.
2. Use static electricity (same as above) to move your ghost to the manuscript.
3. Take turns with a friend guiding the ghost and placing the manuscript in tricky places.

Describe one of the challenges and solutions you and your friend created: \_\_\_\_\_

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