

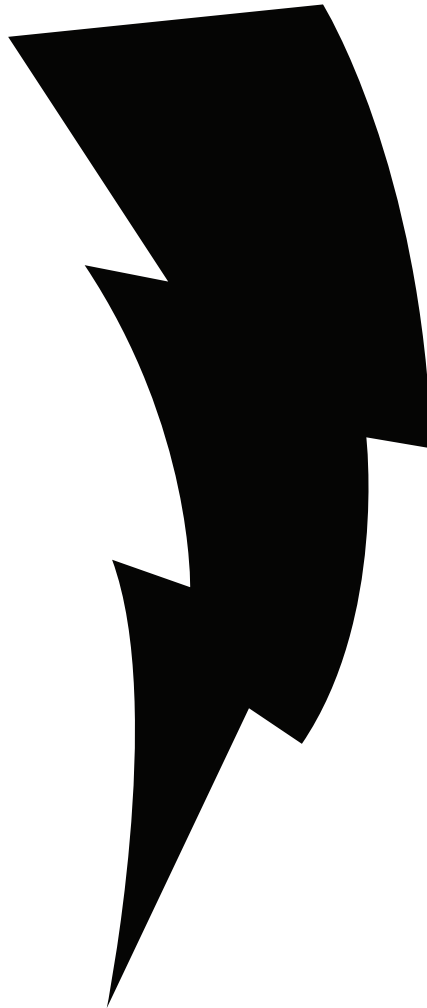


SciJinks Pumpkins

Full directions: scijinks.gov/pumpkins

Directions:

1. Print this template.
2. Place the paper on the pumpkin and secure it with tape.
3. With a black permanent marker, slowly trace the outline of the shape. The marker will bleed through the paper and leave marks on the pumpkin for you to use as a guide.
4. Remove the paper.
5. Use your black marker to trace the outline of the shape.
6. Fill in the design with the black marker or black paint.



Lightning begins as static charges in a rain cloud. Winds inside the cloud are very turbulent. Water droplets in the bottom part of the cloud are caught in the updrafts and lifted to great heights where the much colder atmosphere freezes them. Meanwhile, downdrafts in the cloud push ice and hail down from the top of the cloud. Where the ice going down meets the water coming up, electrons are stripped off.

Learn more at scijinks.gov/lightning.