# Table of Contents

**Materials List**  
Page 4

**Blood Components**  
Create a model of human blood using candy components.  
Page 6

**Egg Drop Challenge**  
Test Newton’s First Law of Motion in an experiment with a raw egg.  
Page 9

**Screaming Cup**  
Make a cup “scream” by adding string, water and a little friction.  
Page 11

**Creepy Constellations**  
Create your own Halloween-themed constellation and write a creepy tale about it!  
Page 13

**Spinning Spiders**  
Build your own spider and spider web while learning all about their unique properties.  
Page 20

**Slime**  
Make your own batch of slime while exploring the science of polymers.  
Page 24

**Spooky Skeleton**  
Create a spooky skeleton from cotton swabs and learn about the skeletal system.  
Page 26
Red Handed
Write a secret message or make a “bloody” handprint on goldenrod paper, a pH indicator.

Conductors and Insulators
Explore the differences between conductors and insulators by testing different materials in a closed circuit.

Spooky Science Extravaganza Flyer