



## Unusual Pollinators: Bees and Bats!

Discover the fascinating world of pollinators in this interactive 30-minute presentation! We'll start with an engaging discussion about bees—what they are, how they help our ecosystem, and why pollination is essential. Then, we'll introduce an unexpected pollinator: bats! Students will explore exciting science concepts like nocturnal behavior, echolocation, and biodiversity. To wrap up, we'll reinforce our learning with a fun, interactive pollinator song set to the tune of Days of the Week.

## Roller Coasters: The Science of Thrills

Get ready for a high-speed adventure into the world of engineering! In this exciting 30-minute session, students will dive into the science behind roller coasters, learning key concepts like kinetic and potential energy. Through engaging discussions, they'll discover how engineers design thrilling rides and even recognize the engineer within themselves! The session concludes with an exhilarating 3D roller coaster experience on the big theater screen—hold on tight!

## Bubbles: The Science of Shapes and Surfaces

What makes a bubble a bubble? In this hands-on, 30-minute program, students will uncover the science behind these fascinating spheres. We'll explore the key ingredients—liquid, air, and soap—and discover why bubbles always form in a circular shape. The session includes an engaging video, a catchy bubble-themed song, and an exciting hands-on activity where students will design and test their own bubble wands!

## Lights and Shadows: Exploring Physics and Art

Step into the world of light and shadow in this dynamic 30-minute presentation! Students will explore how the sun and moon create shadows, how we can manipulate light to form illusions, and how shadows play a role in art and science. Along the way, we'll introduce important physics concepts such as translucent, transparent, and opaque. The session wraps up with a hands-on experiment, demonstrating how different colors interact with light—an illuminating experience for all!



To inquire if your school qualifies for a field trip free of charge under the Cook County Community Development Block Grant, please complete this form by scanning the QR.

[homewoodsciencecenter.org](http://homewoodsciencecenter.org)