Keep looking up: Objects and Changes in the Sky

Presented by: Rochelle Grisafi
Explanations do not always help.
Science is about making sense of the world.
Help children think like scientists

How do children learn science?
Wind

Parents help children investigate objects on a windy day

Create a windsock

- Get a hanger
- Tie strips of crepe paper
- Take out into the wind and describe what happens
• You don’t need to have answers for all of your child’s questions.
• Listen carefully to your child.
• Model curiosity.
• Understand children develop at different rates.

Tips for Parents
Clouds

Parents and children discuss clouds and their shapes.

Compare and contrast what we see during the day and what we see at night.

Cloud Finder

• Go outside and observe clouds
• Create a journal or clouds with date and picture
Shadows

Parents provide opportunities to investigate shadows with flashlight or outside in the Sun.

Explore Shadows

- **Inside** - Use construction paper as backdrop and explore shadows with toys or hands using a flashlight.
- **Outside** - Use toys and go outside at different times of the day and investigate shadows.
Day and Night

Parents help children compare and contrast what we see in day sky and what we see in the night sky.

Moon Journal

• Go outside each night – record and describe the moon
  ▪ I can see part of the moon.
  ▪ I can see all of the moon.
  ▪ I can see none of the moon.

Day and Night Sort

• Cut out pictures and sort
• Keep a journal of activities you do as a family.
Seasons and Weather

Discuss seasons and changes in the weather.
Discuss what to wear when the weather changes.

Move it, Move it Weather

- 2 cubes (dice)
  - One labeled with weather
  - One labeled with actions
- Roll both cubes
- Ask:
  - What would you wear today?
  - What would I see in the sky?
  - What is an activity I could do today?