**ACTIVITY: MONDAY, SEPTEMBER 27**

**Pushes and pulls**
You and your child can investigate how different small balls or cars can move on inclines by making your own ramps at home. Collect materials for ramps like pieces of cardboard, large books or cardboard tubes (cut the tube in half lengthwise). Prop the “ramps” on blocks or a chair and let the balls or cars go at the top. What happens? Experiment with changing the inclines or making balls go down and then up the incline.

**PA STANDARD: 3.2.PK.B.1 – EXPLORE AND DESCRIBE THE MOTION OF TOYS AND OBJECTS.**

**ACTIVITY: TUESDAY, SEPTEMBER 28**

**Animals and how they move**
Talk with your child about squirrels, birds, worms, spiders, insects or other animals you find in your area. Introduce vocabulary to describe how these animals look and move. “Look at the furry grey squirrel climbing the tree! The bird soaring in the sky! The grasshopper jumping!” Invite your child to use their own body to run like a squirrel, soar like a bird and jump like a grasshopper. Ask: “What other ways can you move your body?”

**PA STANDARD: 3.1.PK.A.1 – RECOGNIZE THE DIFFERENCE BETWEEN LIVING AND NON-LIVING THINGS. 3.1.PK.A.5 – NAME THE BASIC PARTS OF LIVING THINGS.**

**ACTIVITY: WEDNESDAY, SEPTEMBER 29**

**Night sky**
On a clear night, spend a few minutes looking at the night sky together. What do you see? What can we now see that we couldn’t see or couldn’t see well during the day? What's missing? Talk about the moon. What does it look like? What shape and size is it? What else do you notice about it? Talk about the stars. How bright or dim are the stars? Do the stars make any patterns or shapes?

**PA STANDARD: 3.3.PK.B.1 – IDENTIFY OBJECTS THAT CAN BE FOUND IN THE DAY OR NIGHT SKY.**

**ACTIVITY: THURSDAY, SEPTEMBER 30**

**Seasons**
Discuss with your child what happens in different seasons such as weather changes and how trees, plants and animals change during spring, summer, fall and winter. Then, have your child draw a picture representing their favorite season.

**PA STANDARD: 4.1.PK.E – IDENTIFY THE CHANGE OF SEASONS IN THE ENVIRONMENT. 4.4.PK.A – IDENTIFY WHAT PLANTS AND ANIMALS NEED TO GROW.**

**ACTIVITY: FRIDAY, OCTOBER 1**

**Exploring melting and freezing**
You can help your child explore melting with some ice cubes, a few large bowls and two spoons. Dump a tray of ice cubes into a bowl and invite your child to investigate how they look, feel, and taste. Encourage your child to pick them up, squeeze them and stir them with the spoon. As the ice cubes begin to melt, talk about the changes you observe. Remember to supervise young children around water.

**PA STANDARD: 3.2.PK.A.1 – SORT AND DESCRIBE OBJECTS ACCORDING TO SIZE, SHAPE, COLOR, AND TEXTURE. 3.3.PK.A.4 – IDENTIFY A VARIETY OF USES FOR WATER.**