

## **Let' have fun with the wind!**

### **Games to try...**

#### **Cloud Racing:**

Take a blanket outside on a breezy, partly cloudy, partly sunny day. Lie on your back and watch the clouds. What kinds of clouds are they? (See cloud ID in Week #3) Now watch the clouds move. Do you see anything in the shapes?

Let's watch the clouds race! With another family member, choose a finish line for the race somewhere in the distance in the direction the clouds are moving. This could be a tower and set of trees. Then each choose a cloud to watch ... ready... set...go! Which cloud made it to your selected 'finish line' first? Why do you think one was faster than the other?

Hint: Could one cloud have been higher in the sky than the other cloud? Research this possibility.

#### **The Great American Bean/Pea/Marble Roll:**

Take a round object; a bean, pea or marble. With another family member select a start and finish for your 'roll race'. Use your breath to roll the object to the finish line. Why was one object there faster than the other. Hint: Strength of the breath? Shape of the object? Was the surface of the racing field uneven in places? Now try the race using a straw to direct the object through the race. Did the straw make a difference in the speed of the race. Why?

#### **Feather Flight:**

Get some feathers from a craft store. With another family member or by yourself. Try out flying different types of feathers; primary, secondary, down etc.

Try it inside first. Keep the feather up in the air using your breath. Is one type of feather easier to keep up than the other type? Which one stays up longer? Why? Now take the game outside. Don't choose a windy day but one with a light breeze or no breeze at all. Now try flying your feathers. Did you get the same results? What is different about being outside? Is it easier to keep the feathers up outside? Why?

Research the shape of feathers and how a bird flies.