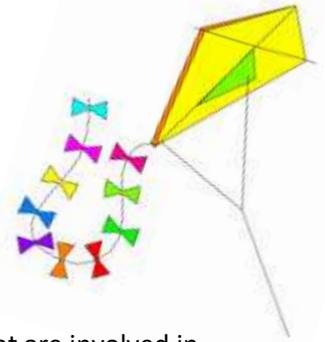


## May Dose of Discovery: Week 2

### Extension Activity: Let's Go Fly a Kite!



#### Learning Points:

- Children will have the opportunity to discover and apply the interesting aerodynamics that are involved in designing and flying a kite outside.
- Children will be able to experience, in a very sensory-rich way, how air flows around a kite and the lift that is created by that flow.

#### Materials:

- 2 wooden skewers or 2 relatively straight sticks
- Poster tack and string
- Colorful, plastic bag or colorful paper
- Scissors, pencil, and tape
- Ball of string
- Strips of newspaper or tissue paper



#### Activity:

**Step 1:** Make two wooden skewers into a cross and attach them with poster tack. Tie some string around the middle to secure it. Place the frame on a plastic bag or the paper. Draw a diamond shape around the frame and cut it out. Tape the shape to the frame.

**Step 2:** Turn your kite over. Use a sharp pencil to make a hole in the plastic or the paper where the sticks cross. Thread the end of a ball of string through the hole and tie it to the frame. Take your kite outside and let it fly!



When wind blows over a kite and you pull on the string, it creates a force called lift. This force makes the kite rise in the air.



**Step 3:** Now try taping together strips of newspaper or tissue paper to make a long paper tail. Then tape the tail to the bottom of your kite.

*Does it change the way the kite flies?*

Adding a tail makes the kite fly more smoothly. It gives it extra weight and helps balance the kite so it doesn't twist and turn as much in the wind.