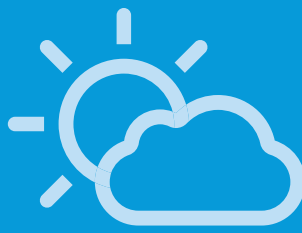


Let's fly!



Grades K-2 | Activity Option 2 | ⌚ 40 minutes

Students will learn the parts of a plane and create a picture of one using wooden sticks and cotton balls.

Preparation:

You need zippered plastic bags to store your supplies, including one bag of medium to large wooden sticks, one bag of cotton balls and one bag of glue sticks. Using the photo, build a model plane on construction paper to share with students.

Step 1 (5 minutes)

Let the students know they are about to have FUN!

- Introduce the fun activity they will get to do today.

Step 2 (10 minutes)

Have a conversation with the students about flying and airplanes. Use a map, globe or pull up a map online to initiate talk about travel. For example, you can guide the student by asking:

- *What flies in the sky? (Birds, airplanes, helicopters, hot air balloons, etc.) See how many objects the children can brainstorm.*
- *Have you been on an airplane? Where did you go? (Have them show you on the map.)*
- *If you haven't been on a plane, do you know someone who has?*
- *Who flies the airplane? (Pilot)*
- *Where did you go to get onboard an airplane? (Airport)*

Materials



Pencils/pens



Crayons



Wooden sticks
(2 per student)



Cotton balls (2 per student)



Blue construction paper
(1 per student)



Small glue stick



Zippered plastic bag

Step 3 (15 minutes)

- Tell the students they will now make their own planes and they should imagine anywhere they would like to fly their planes. Hold up the model of how they will make their planes.
- Give each student two wooden sticks (tongue depressors work best).
- Let them color these sticks any color they choose.
- Have each student glue the sticks together, perpendicular to one another, to make an airplane. You may suggest that the students think about the letter “t” when gluing their sticks together. Feel free to write the letter on the board as a point of reference.
- Have the students glue to wooden airplanes onto a sheet of blue construction paper.*
- The students can either draw outlines of clouds or fill these in with white cotton balls that can be glued on around their planes.
- Have the students label the Nose, Wings, Tail and Engine (N, W, T, and E)
- As you go over the definitions of each part, point to it on your model plane or write it on a piece of paper:

_____ **Nose** - front of the plane, helps with side to side movement (yaw)

_____ **Wings** - helps the plane to fly up into the air (lift) and maintain balance

_____ **Engine** - pushes the plane forward through the air (thrust)

_____ **Tail** - back of the plane, helps the plane to fly straight

*For some younger students, you may help them with gluing together their planes.

Step 4 (10 minutes)

- Invite the students to share their artwork and talk about where they are flying with their planes.
 - Ask each student to stand up and display their plane.
 - Have the student use the map/globe you used at the beginning of class to show everyone where the plane is going to fly.
- Thank the students for a GREAT job!
- Let them know how much you learned and enjoyed being with them.

Example:

