

Personal Journey Aircraft

Background Statement:

Students have read short stories in Language Arts pertaining to the unit theme: Self and Others. In class, students have discussed personal dreams or goals that are meaningful to them.

Design Challenge:

You are an airplane pilot without an aircraft. Design and build a freestanding, three-dimensional airplane that contains the name of your airline and your destination.

You must also design and create a boarding pass that includes your destination, first name, and three complete sentences answering the following questions:

- 1) What you would see when arriving at your destination?
- 2) What would you do once you got off the plane?
- 3) Why did you choose to fly to this destination?

Criteria:

The airplane must:

- be at least 6 inches long.
- display the name of your airline on BOTH sides of the aircraft.
- have your destination displayed in large letters on the tail of aircraft.
- have at least one window and a door – both should be moveable.
- include your name.
- have a boarding pass attached to it (but it must be able to be removed from the plane also).

Available materials:

Cardboard tubes (paper towels, toilet paper, wrapping paper), plastic wrap, aluminum foil, construction paper, string, yarn, popsicle sticks, buttons, Velcro, paper clips, brads, feathers, wheels, tape, glue

Tools: ruler, colored pencils, markers, crayons, pencils, scissors, stapler

Targeted Standard: English 5.8 (complete sentences, writing for a variety of purposes)

Supporting Standards: Math 5.11 (measurement)