

CAMP LA JUNTA

# Daily DO #7

## NOODLE AIRPLANES

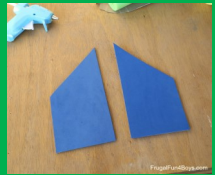


### Here's what you need:

A pool noodle or paper towel roll, a cardboard box, Scissors or knife, Hot glue or Elmers, Duct tape, Coins for weight – we used nickels



**Step 1:** Start by cutting a 12 inch segment of pool noodle. A serrated knife works well for cutting. Try flying just the pool noodle and observe what happens. It... doesn't fly. But it's fun to observe this because it will really improve!



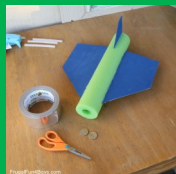
**Step 2:** Cut out the wing pieces. You'll need two cardboard wings. The wings should be exactly the same size and mirror images of each other.



**Step 3:** Hot glue the wings to the sides of the pool noodle. Use plenty of hot glue, and they will stick well. We found an extra bead of glue on each side of the cardboard helps. You'll need to hold them in place for a few minutes while the glue cools.



**Step 4:** Once both wings are attached, try flying it. It will probably just make a loop when you throw it – not much control yet. Cut out a piece of cardboard to be the tail. We glued the tail about an inch from the back.



**Step 5:** To make the plane glide, you'll need to balance it by adding some weight to the nose. We used four nickels. Make sure to experiment with the weight to see what works best.



**Step 6:** Wrap the nickels in duct tape. This will allow you to be able to hot glue them inside the nose of the plane. Squirt some glue into the center of the pool noodle and attach the coins wrapped in duct tape. We had a solid tube so we cut a slice in the end and inserted the nickels.