

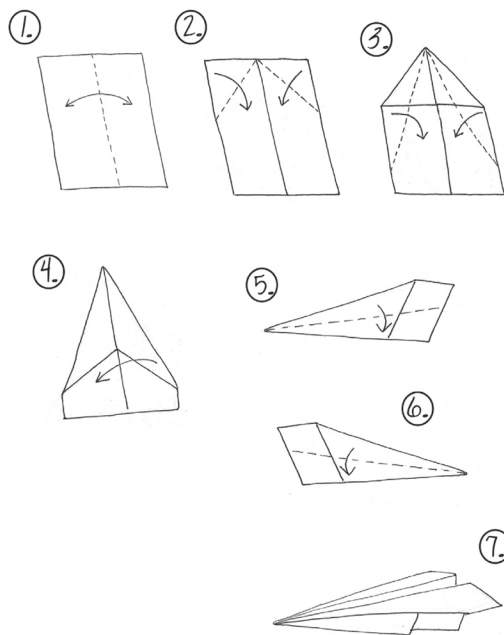
## Take the Challenge

# Airplane Cargo

 20 Minutes

### Instructions:

1. Follow the instructions to fold your construction paper into a paper airplane.



2. Set a mark on the floor about 10 feet in front of your doorway, this will be your “start” line. You can use an object like a chair, piece of paper or toy.
3. Make a “target” in the upper third of the doorway. You can use a post-it note or masking tape to mark it.
4. Practice gliding your paper airplane from the start line through the target successfully.
5. Your task is to add cargo to the paper airplane and make it glide through the target. The cargo you will be using is tape and coins.
6. Use different sized coins. Try placing the coins on top, bottom, front and back of the wings to see how it affects the paper airplane’s flight.  
How much money did you manage to successfully load onto their paper airplanes?
7. Bonus: Take a video of your airplane and cargo in flight and send it to your camp director for a chance to be featured!

### OVERVIEW

Make a paper airplane that can carry real cargo and glide more than ten feet!

### SUPPLIES NEEDED

- Construction Paper
- Tape
- Handfuls of coins
- Doorway

### ONLINE RESOURCES

- Instructional video

