

STEM Paper Airplane Challenge

- Make a paper airplane that can carry a cargo and glide more than ten feet (not be hurled, but actually glide). The cargo we decided on was money-coins.

How Much Cargo Can a Paper Airplane Carry?

Supplies you need to set up your family challenge:

- Construction Paper
- Tape
- Coins (pennies)
- Doorway (indoor)

Instructions:

1. Draw a line on the floor about ten feet in front of your doorway.
2. Use tape to make a "target" in the upper third of the doorway.
3. Create your paper plane
4. Take your cargo (pennies)
5. To prove their cargo plane can fly, kids need to glide their plane through that "target" successfully.
6. Fly your paper plane
7. Record the distance
8. Flying again
9. Have FUN!

