# DAY 8: FLIGHT SCHOOL CHALLENGE 

## MATERIALS NEEDED FOR TODAY:

- sheets of paper (scratch paper is fine)
- scissors
- poster board
- marker
- painter's tape


## DIRECTIONS:

1. Use the scissors to cut out three large holes in the poster board. Assign a point value with the maker to each hole (smaller holes get the most points, larger holes get the least points).
2. Use your pieces of scratch paper to fold paper airplanes. For younger participants, they can just crumple the paper into paper balls.
3. Hang the poster in an open doorway so that you can throw the paper airplanes/paper balls through the holes.
4. Give each participant 5 chances to throw their plane through the holes. Each participant will add their point values. The person with the most points wins.
5. For a challenge, try standing further away from the poster.
6. For a double challenge, try making a paper airplane with a different design to see which design flies better.

FAMILY DISCUSSION: EXPLAIN HOW YOU MADE YOUR PAPER AIRPLANE. DID YOU ADD SOMETHING TO IT TO MAKE IT FLY BETTER? DID YOU CHANGE THE DESIGN? JOIN THE DISCUSSION AND SHARE YOUR FINDINGS AT:

