# Paper Airplane Olympics

## Materials:

Paper (printer paper works best)

Coloring Supplies (crayons, markers, pencil)

Post-it note or masking tape

Paper Plate

Ruler or Tape Measure

## Remember:

★ Review expectations for safe, responsible, and respectful behavior at each step of the activity.

## Directions:

1. Each participant decorates 3 pieces of paper using coloring supplies provided.

2. Activity leader or participant volunteer decorates 9 paper plates for 1st, 2nd, and 3rd place "medal."

3. Each participant folds their 3 pieces of paper into a paper airplane (see steps for creating a paper airplane on next page).

4. Activity leader set-ups paper airplane events:
    - *Distance* – airplane is thrown and the distance it traveled is marked with a post-it note or piece of masking tape. Use ruler/tape measure to measure the distance.
    - *Height* – airplane is thrown up along a wall and the highest point it travels is marked with a post-it note or piece of masking tape. Use ruler/tape measure to measure the distance.
    - *Accuracy* – lay out some paper plates on the ground as targets. Airplane is thrown and the goal is to land on the paper plate. Plates could be assigned point value

5. Each participant selects 1 of their paper airplanes for each event and takes turns flying each of the airplanes in each event.

6. After each event, give paper plate "medal" to 1st, 2nd, and 3rd place winners.

7. If group would like, repeat the events OR brainstorm and set-up other appropriate (safe) paper airplane events.
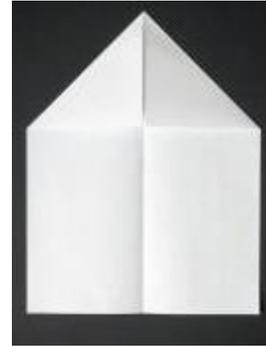
8. Transition group to next activity.

**Website:** https://www.diynetwork.com/made-and-remade/learn-it/5-basic-paper-airplanes
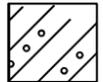
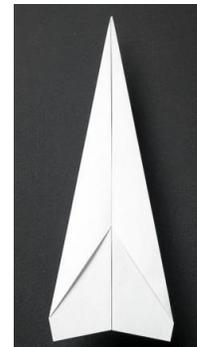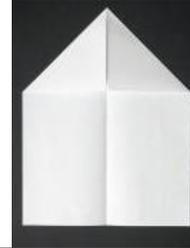| The Dart | |
|---|---|
| 1. Fold the paper in half vertically.<br> | 2. Unfold the paper and fold each of the top corners into the center line.<br> |
| 3. Fold the top edges into the center line.<br> | 4. Fold the plane half.<br> |
| 5. Fold the winds down, matching the top edges up with the bottom edge of the body of the plane.<br> | 6. Optional – add tape to the inside body of the plane to keep the sides together.<br> |

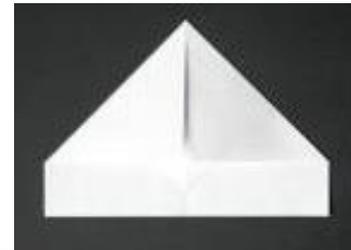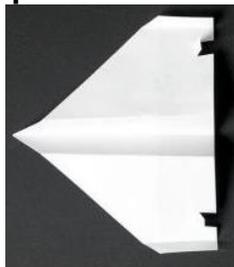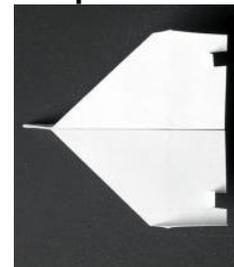| The Stealth | |
|---|---|
| 1. Fold the paper in half vertically. | 2. Unfold the paper and fold each of the top corners into the center line. |
| 3. Fold the peak toward you and ¾" from the bottom of the paper you like an envelope. | 4. Fold both top corners into the center line. |
| 5. Fold the bottom point of each wing over each flap at the center line to lock them in place. | 6. Fold the plane in half. |
| 7. Fold the wings down 1" from the bottom of the plane. | 8. Fold up the sides of each wing ½" tall. |
| 9. Make 2 small slits at the back of each wing. Fold up the tabs. | 10. Optional – add tape to the inside body of the plane to keep the sides together. |

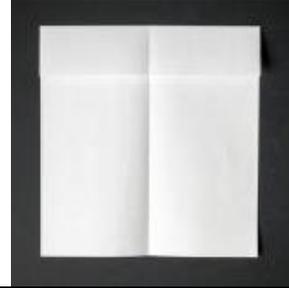| The Bumble | |
|---|---|
| 1. Fold the paper in half horizontally. | 2. Unfold the paper and fold each of the top corners into the center line. |
| 3. Fold the peak down to meet the edge of the previous fold. | 4. Fold the upper sides into the center line. |
| 5. Fold the top corners ½" away from you. | 6. Fold the plane in half. |
| 7. Fold the wings down ½" from the bottom of the plane. | 8. Optional – add tape to the inside body of the plane to keep the sides together. |

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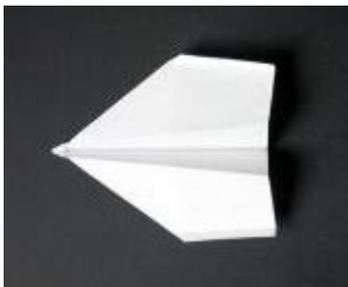| The Hunter | |
|---|---|
| 1. **Fold the paper in half vertically.** | 2. **Unfold the paper. Fold top edge down 2".** |
| 3. **Fold the top edge down again to meet the bottom of the previous fold.** | 4. **Fold the top edge down one more time to meet the bottom of the previous fold.** |
| 5. **Fold the top edges down and away from you to the center line on the back of the paper.** | 6. **Fold the plane in half.** |
| 7. **Starting at the top of the thick nose of the plane, fold the wings down ½" in the front and slightly angled to 1.5" in the back. Fold up the edges of the wings ½".** | 8. **Optional – add tape to the inside body of the plane to keep the sides together.** |

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| The Bullnose | |
|---|---|
| 1. Fold the top right corner over to the left side, making a fold from the top of the paper to the bottom right corner.<br> | 2. Unfold the paper. Fold the top left corner over to the right side, making a fold from the top of the paper to the bottom left corner.<br> |
| 3. Unfold the paper again and fold the top right corner over to meet the crease made from step 1.<br> | 4. Fold the top left corner over to meet the crease made from step 2.<br> |
| 5. Fold the top right edge over to meet the edge of the fold from step 3.<br>Fold the top left edge over to meet the edge of the fold from step 4.<br> | 6. Fold the top edge down and towards you to meet the point where the right and left layers cross.<br> |
| 7. Fold plane in half away from you. Starting at the nose, fold wings down at a slight angle ½" in front to about 2" in the back.<br> | 8. Optional – add tape to the inside body of the plane to keep the sides together.<br> |