

Demonstration Helicopter Model Directions

Process:

1. Demonstrate to the participants how to build a paper helicopter.
 - a. Cut along all solid lines;
 - b. Fold A towards you;
 - c. Fold B away from you;
 - d. Fold C away from you and overlap it by folding flap D away from you;
 - e. Fold flap E away from you and up;
2. Once the helicopter has been built, have the participants observe you doing the following:
 - a. Fold the propellers so they spin clockwise (above method);
 - b. *Describe* the direction that the helicopter spun.
3. Fold the propellers so they spin counterclockwise;
 - a. Fold flap A away from you and flap B towards you.
 - b. Drop helicopter again
 - c. *Describe* the direction that the helicopter spun
4. Create a faster spin
 - a. Attach a paper clip to the bottom of the helicopter.
 - b. Drop helicopter again.
 - c. *Describe* what happened to the speed of the helicopter.
 - d. Take off the paperclip.
 - e. Change the direction of flap E.
 - f. Drop the helicopter again.
 - g. *Describe* what happened to the direction of the helicopter.

