

# LEAF GLIDER CHALLENGE

Construct a glider made from the shape of a leaf!



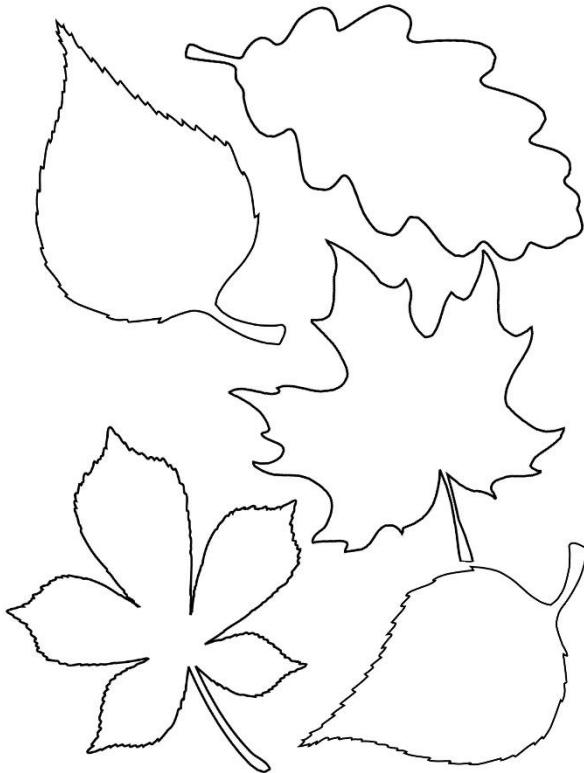
## Materials

- Paper, any color
- Marker or other writing utensil
- Scissors
- Paper Clips, staples, or pennies
- Tape

Time – 15 minutes

## Instructions

1. Either draw or trace some leaf shapes on your paper.
2. Cut out the leaves and start experimenting with different folds to make your leaf fly. You can add paper clips (or other weight such as staples/pennies)
3. Challenge a friend to see whose glider can fly the furthest.
4. Create multiple “leaf gliders” and discover what works best! You can take this a step further by either measuring the distance it glides and finding the average after multiple trials, or you can time how long the glider stays afloat.



## Background Information

The Engineering Design Process is a series of steps that engineers follow to come up with a solution to a problem they are facing. Often engineers will design, build, and test something more than once till they are satisfied with the results.

## References

<http://momgineer.blogspot.com/2017/09/simple-fall-stem-activity-with-paper.html>