

## AEROSPACE ENGINEER DATA FORM

Name: \_\_\_\_\_

Drawing of my first plane's design:



### Flight Data Chart

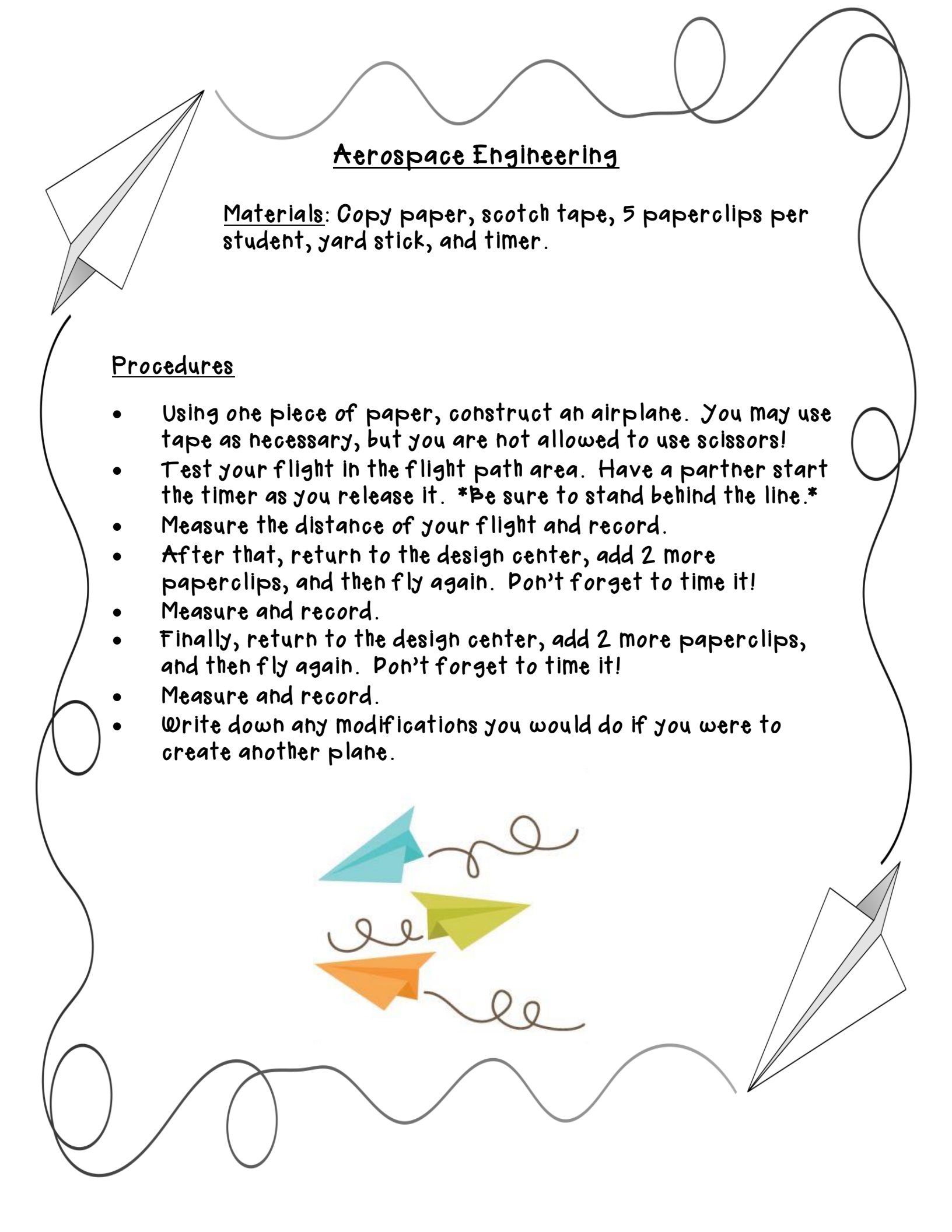
Plane Design	Flight Time	Flight Distance
1 paperclips		
3 paperclips		
5 paperclips		

Some of the changes that I would make to my plane's design are: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## Aerospace Engineering

Materials: Copy paper, scotch tape, 5 paperclips per student, yard stick, and timer.

### Procedures

- Using one piece of paper, construct an airplane. You may use tape as necessary, but you are not allowed to use scissors!
- Test your flight in the flight path area. Have a partner start the timer as you release it. \*Be sure to stand behind the line.\*
- Measure the distance of your flight and record.
- After that, return to the design center, add 2 more paperclips, and then fly again. Don't forget to time it!
- Measure and record.
- Finally, return to the design center, add 2 more paperclips, and then fly again. Don't forget to time it!
- Measure and record.
- Write down any modifications you would do if you were to create another plane.