

# 3-6 PLANE COMPETITION DAY 2

**Week 7**

# THE RULES

This week we are going to have a friendly competition in 3-6. We are going to see who can fold a paper plane that stays in the air for the longest amount of time.

All the times that your planes fly in the air in each grade will be added up, the grade with the longest time wins!! So remember, the more students who enter, the better chance your grade has of winning.

There will also be a prize for the student in each grade who folds the plane that stays up the longest.

# HOW WILL IT WORK?

This week you will experiment with different plane designs and ways to throw them. You will decide on your design, then when you have practised enough you will record your entry.

You will time how long your plane stays in the air after you throw it. Record a video if you can. You will send your time to your teacher and they will record it.

# DAY 2 - LAUNCH

**Learning Intention:** I am learning the best way to throw my paper plane

**Success Criteria:** I can record my competition time with my paper plane.

I can send the time my paper plane flies in the air to my teacher

# EXPLORATION

From your experimentation yesterday, you should have a design that you are happy to fly for the competition. Today you need to have a few practice runs, and then record your final entry time.

# EXPLORATION CONTINUED

Throw your plane, the higher you can be when you throw it the better, if there is a ledge in your backyard or similar.

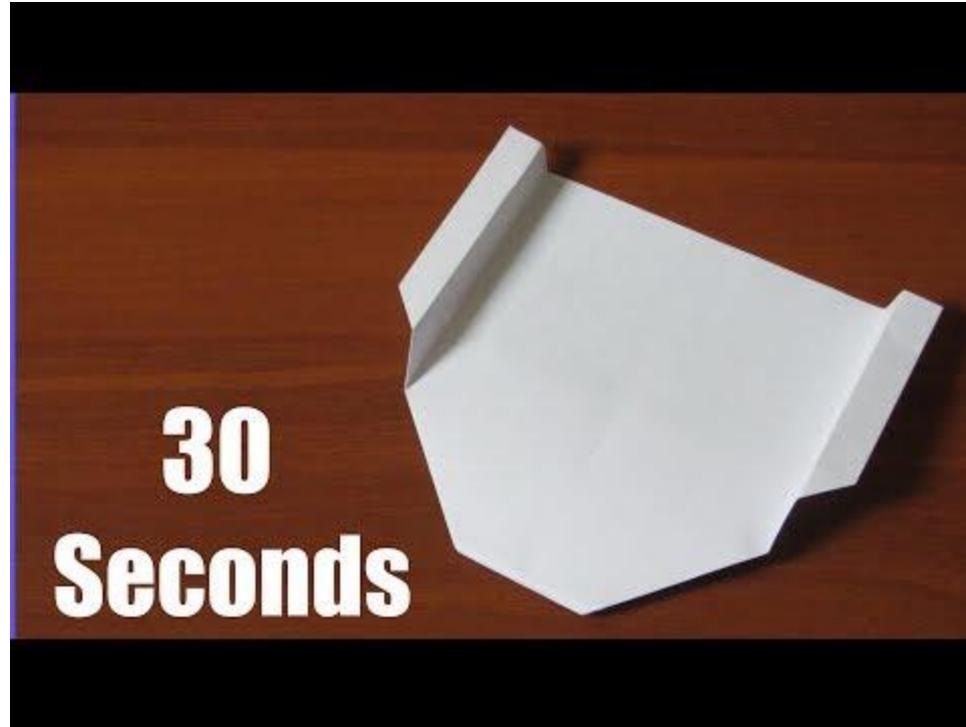
Record three times, and then send your longest time to your teacher. Your times will be added up and the class with the longest flight time wins!

There are some more plane design videos on the next slides to help you if you like.

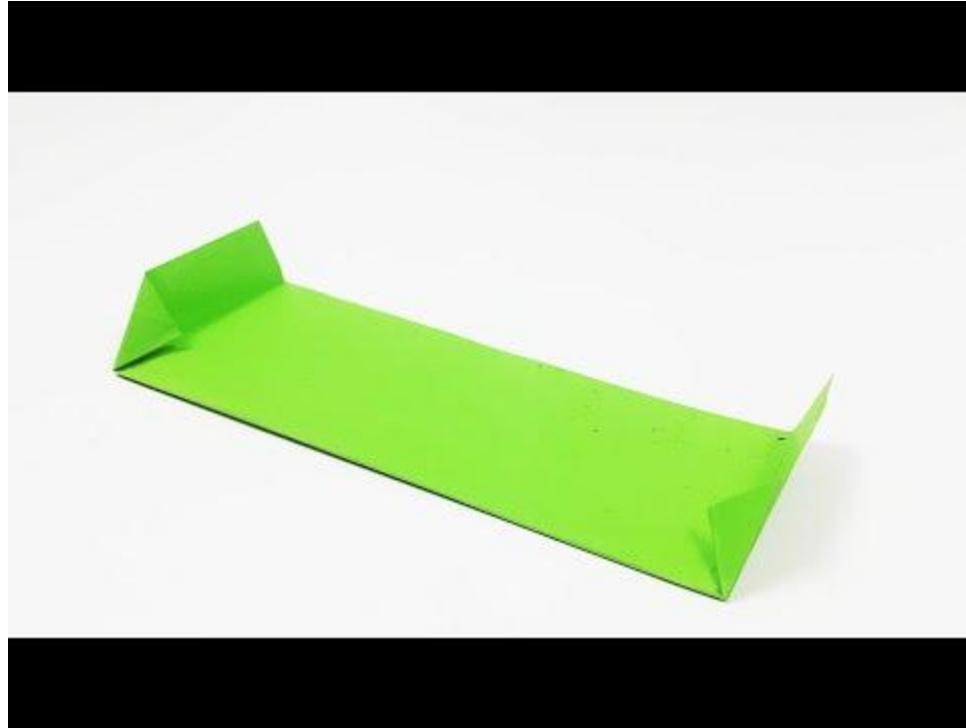
# DESIGN 1



# DESIGN 2



# DESIGN 3



# REFLECTION

What do you think makes a paper plane fly in the air as long as possible? What might you have done differently in this competition if you had the choice? Write a short, 1 paragraph reflection.