

WEEK 7 3-6 PAPER PLANE COMPETITION

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 1 - RESEARCH AND PRACTICE

Learning Intention: We are experimenting with plane designs to see which one flies the longest.

Success Criteria: I can fold three different paper planes and make a prediction about how each of them will fly. I can practice throwing my planes to see which flies the longest.

LAUNCH - PRIOR KNOWLEDGE

What type of paper plane will stay up the longest?

In your experience throwing paper planes, will long thin ones stay in the air a long time? What different types of paper planes can you fold?

Watch the video on the next page and have a go at folding 2 different types of planes that you think of

LAUNCH - CONTINUED

Watch the video by [clicking this link](#)

EXPLORATION

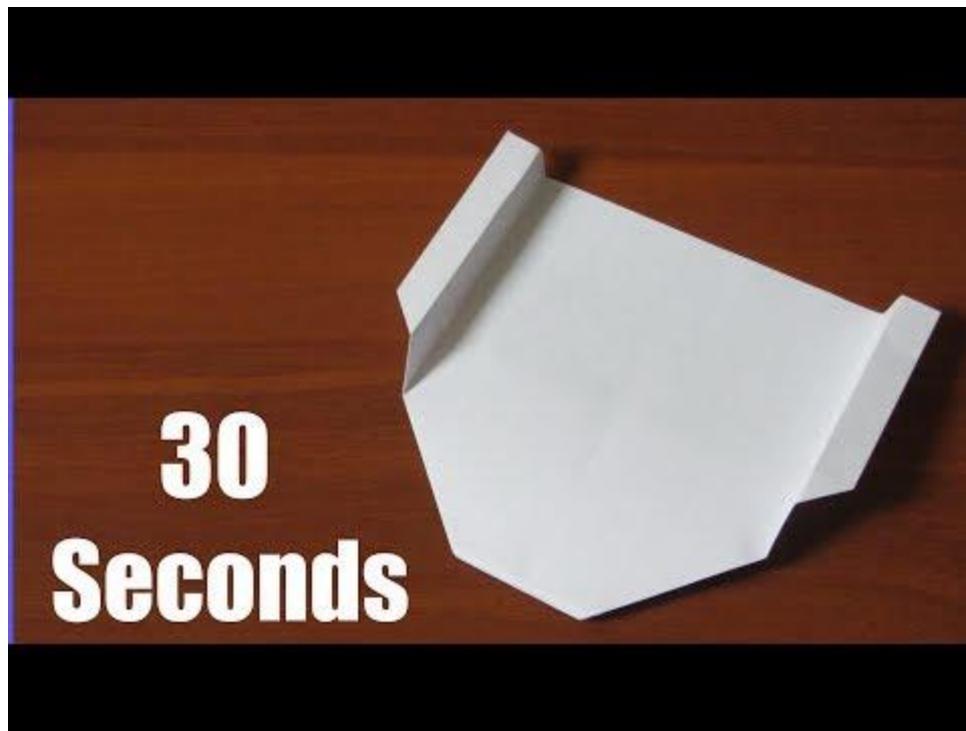
Experiment using your imagination with 2 or 3 different designs. With each, write a short prediction for how well you think it will stay up.

If you are stuck for ideas, there are 2 videos on the next slides with instructions for different designs.

DESIGN 1



DESIGN 2



EXPLORATION

Fly your planes! Which one stays up the longest? Why do you think that is!

Experiment with your designs, practice different ways of throwing them.

REFLECTION

Of your different designs, which one flew the longest?

Write a few sentences reflecting on why you think this design did the best.