

THE STEM SHED

School Holiday Program

Day 1

Principals of Flight - Learn the basics of drag, lift and thrust. Curved wings vs flat.

Paper Plane Engineering Challenge - Put your knowledge to the test with an array of paper plane designs.

Parachute Drop - Protect your egg at all costs with our very own Birdman Competition style egg drop.

Day 2

Mini Boomerangs - Build your own mini boomerang that may or may not come back!

Traditional Boomerangs - Learn about aerofoils that help a boomerang return. Learn to throw it. Make your own!

Boomerang Test and Refine - Test and refine your boomerang designs before taking them home to show your friends.

Day 3

Kite Design and Flying - Build a kite, learn to control it. Learn why it flies!

Build a Glider - Use all of the skills we have been learning to build your very own glider.

Glider and Kite Test and Refine - Make it fly. Make it land safely. Make sure it avoids the trees!



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