PowerUp Paper Planes

PowerUp Paper Planes

PowerUp brings traditional paper airplanes into the modern age of technology by adding a motorised propeller (PowerUp 2.0) or smartphone remote-controlled rudder (PowerUp 3.0) that really make things fly.

Fold a paper plane in the traditional way, then just clip on the motor and propeller. Fire up the app to connect via Bluetooth, start the propeller and then launch your creation into the sky. Planes can fly up to 60m, with 10 mins of flight time per charge.

Recommended Ages	Year 2 to Year 7 (ages 7 to 12)
Product Cost	PowerUp 2.0 - $20-$30 PowerUp 3.0 - $70-$90 PowerUp 3.0 spare parts - $15-$20
Where to Purchase	STEM based stores such as Mad About Science or Yellow Octopus

Product Requirements

PowerUp 2.0

- Each kit uses 2xAA batteries

PowerUp 3.0

- A smartphone is required

Loanable Kits

State Library does not have kits of this item available for loan to libraries.

Activities

- PowerUp 2.0 Distance Challenge by Redland City Council Libraries
- PowerUp 3.0 Paper Plane Obstacle Challenge by Redland City Council Libraries
- PowerUp 3.0 Paper Plane Time Challenge by Redland City Council Libraries

- PowerUp 3.0 Paper Plane Hovercraft Challenge by Redland City Council Libraries

Resources

- Teacher's Guide
- Fold n Fly Paper Airplane Designs