



EPPro8 Challenge

Engineer Problem Solve Innovate

Hovercraft – Teacher's Notes

Summary

Teams will construct a vehicle that hovers a balloon above it (Bernouille's principle).

As the vehicle moves along the ground, the balloon will stay in the air current, and therefore also move.

Principles

Aerodynamics, Electronics, Problem Solving, Bernouille's principle.

Extra Equipment

Balloons

Model Answers

The electronics simulator provides model answers for the electronics. Using the simulator means that teams can test a working solution.