

VISITOR Activity Template

Name of Activity	Flight
Age Range	8-11 years
Curriculum Subject Areas	Science, Design and Technology
Curriculum Links (Nation)	National Curriculum for England (https://www.gov.uk/government/collections/national-curriculum) “select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities” (Design and Technology) “identify the effects of air resistance, water resistance and friction, that act between moving surfaces” (Science)
Resources Needed	Card, Paper, Scissors, Sellotape, PE cones, trundle wheel.
Links to Museum	https://www.sciencemuseum.org.uk/see-and-do/flight The Science Museum, London
Time Allocation	60 minutes
Description of Activity	<ul style="list-style-type: none"> ● Watch the brief video “The History of Flight” (4:39 mins) ● Discuss what features of an aeroplane enable it to fly (wingspan, aerodynamic, power). ● In pairs, discuss and sketch a design idea for a paper aeroplane. ● Build one paper aeroplane in each pair. Decorate if time is available. ● Give your aeroplane a name. ● Create conditions for a fair test to see which paper aeroplane flies the furthest (eg on the playground, use PE cones to mark thwhoe best of three throws, use trundle wheel to measure the distance in metres). ● Collate results back in the classroom. Discuss what designs worked better than others.

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