

Teachers Guide to Aeronautical Activities Activity No. 1

Make a Paper Aeroplane

Make a paper aeroplane can be great fun and is suitable for most ages. The main website listed gives step-by-step instructions and video tutorials along with several ideas for competitions and creative events [1]. Some other websites are also shown for more complex paper aeroplane designs [2,3,4]. A teacher can use tasks such as the furthest flyer, the one landing closest to a target. There could also be a talk on topic such as aerodynamics or airflow over a wing generating lift to probe on how a 'real' aeroplane fly? [5]. Depending on the complexity this task is suitable for wide range of ages.

Time Required: The task can easily be completed in a standard lesson. It could be undertaken individually or in teams.

Resources Required: A sheet of A4 paper is only needed to enable a wide range of planes to be created.



Suggested Website:

[1] Paper Aeroplanes (Include games and instructions video)
<http://www.paperaeroplanes.com/index>

Other websites:

- [2] Paper Airplanes HQ (50 paper airplanes, videos and instructions)
<http://www.paperairplaneshq.com/paper-airplanes.html>
- [3] Fun Paper Airplanes (Include A4 paper templates to print)
<http://www.funpaperairplanes.com/>
- [4] Amazing Paper Airplanes (More complex paper design)
<http://www.amazingpaperairplanes.com/index.html>
- [5] Fly Higher Tutorial 1 – How Humans Fly
<http://www.flyhigher.eu/#downloads>