

Paper Propeller

Tullio Crali (1910-2000) was a Futurist artist whose work is most associated with the genre of 'aeropainting' which celebrated the mechanics and sensations of flight which dominated Futurist research in the 1930's. He depicted dynamic perspectives, multiple viewpoints and combined both figurative and abstract elements to express the experience of flight. This simple activity show you how to make a long distance 'Harrier' paper aeroplane to explore the science of aerodynamics and design.



Tullio Crali, Tricolour Wings, 1932



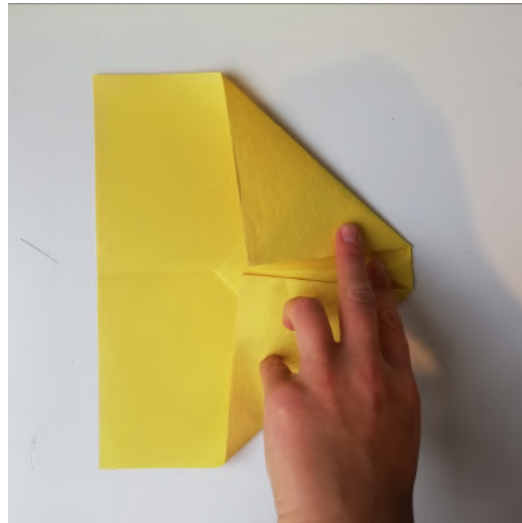
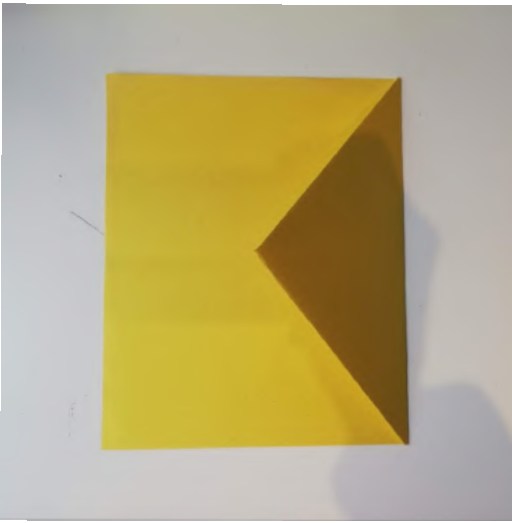
Tullio Crali, Roarings of an Aeroplane, 1927

- 1) Fold 1 A4 paper lengthways.
- 2) Fold the corners on one side to the folded line.



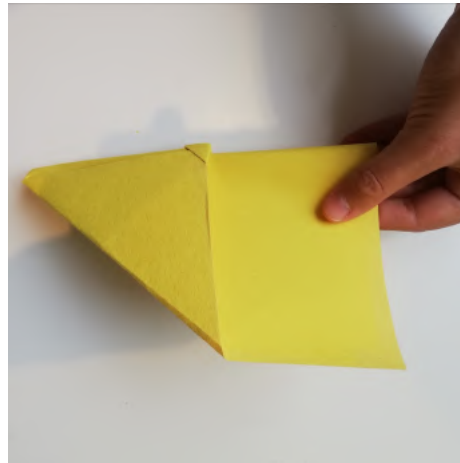
3) Fold over the triangle.

4) Leaving half an inch in the middle, fold the corners into the middle.

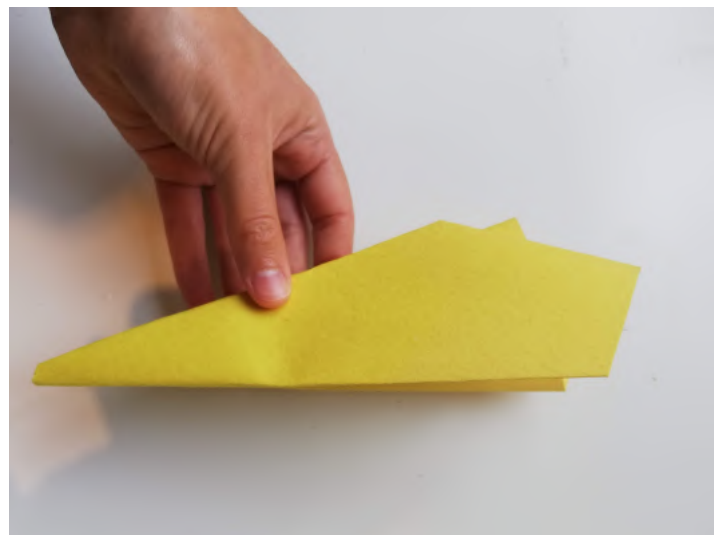
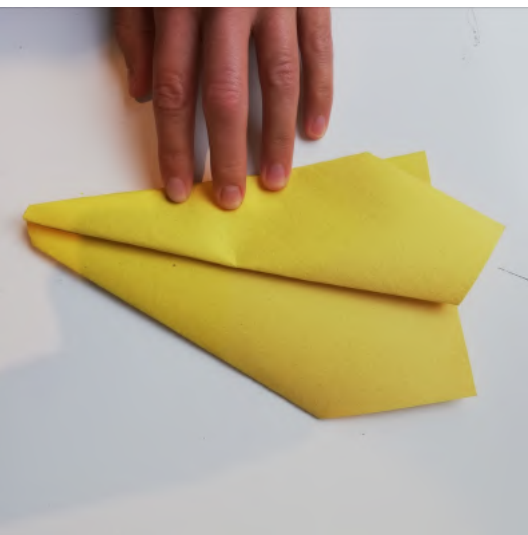


5) Fold the little triangle flap back on itself.

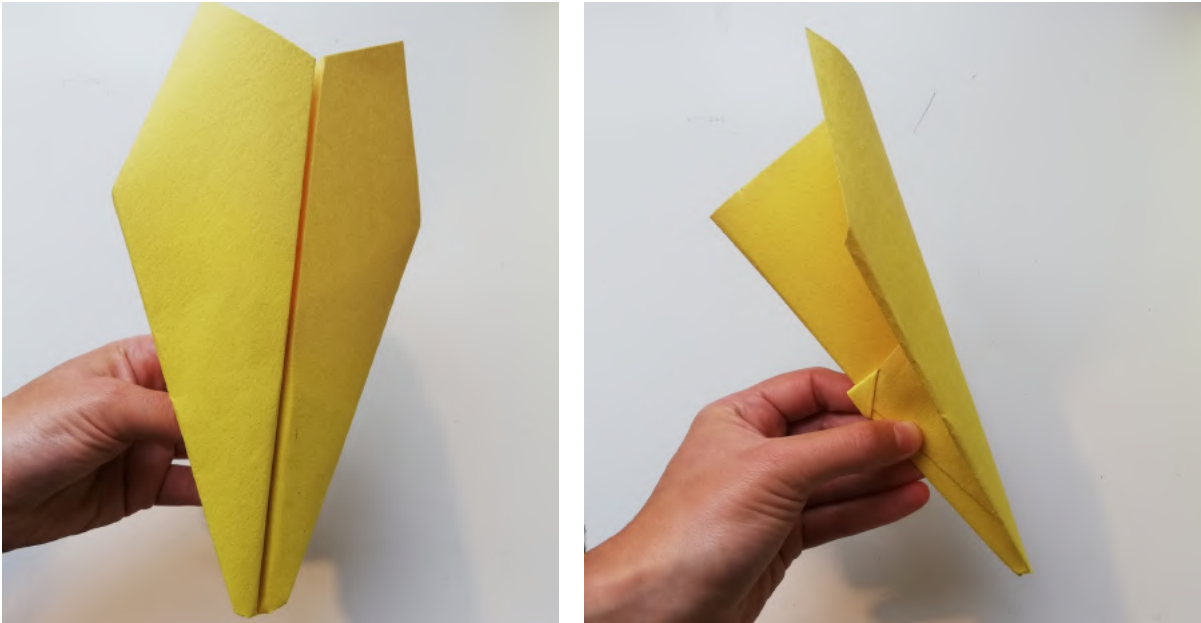
6) Fold the plane in half with the triangle flap at the bottom.



7) Fold the wings down



8) Hold the plane at the triangular fold underneath and let it fly!



Top Tip: Make your folds as clean and sharp as possible. Printer paper works really well for this.

Experiment: Measure out and record how far your plane travels each time and see how you can adapt it or throw it differently to go further.

Research: What can you use your plane for? You could use it to messages to neighbours or try making small and large version. What are the pros and cons of gliders vs. Engine run planes.