Module 4: Focus on inquiry-based science – link with creativity

Task 6 Activity: Open, Guided and Structured Approaches

Making fliers: What might be the advantages and disadvantages of these different approaches?

Approach 1 - Open

Make a flier that flies as long as possible. What are the features of this flier?

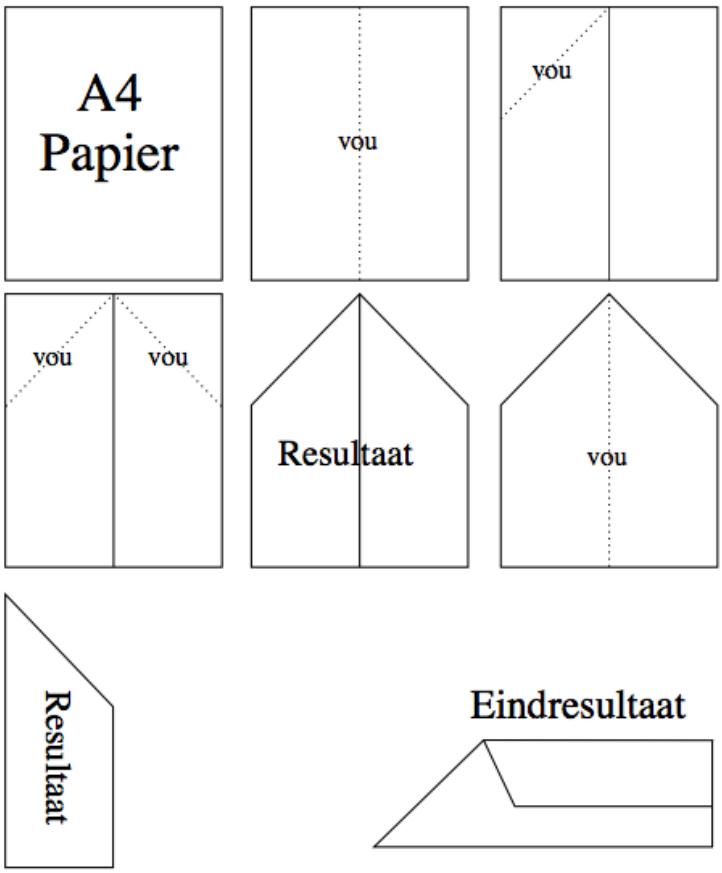
Approach 2 - Guided

Make a flier that flies as long as possible
Tips:

- Examples of fliers are shown in the illustration
- The top of the flier needs enough mass.
- Make sure that your flier is symmetric.

Approach 3 - Structured

1. Make a flier as instructed below.
2. Test the flier.
3. Add a paperclip to the nose of the flier.
4. Test the flier. What is the difference between a flier with paperclip and without?
5. Add more paperclips and test again.



Activity developed by Hilde van Houte (2014) for a workshop at the final conference of the Creative Little Scientists project.

The project CREATIVITY IN EARLY YEARS SCIENCE EDUCATION has received funding from the European Union Erasmus+ Programme (2014-2017) under Grant Agreement n0 2014-1-EL01-KA201-001644.