

The viking catapult

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|---------------------------------|---|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Name of the object and creator | The viking catapult by Logopsycom | | | | |
| Recommended ages | 8-12 | | | | |
| Thematic areas combined (STEAM) | Sciences | Technology | Engineering | Arts | Mathematics |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Materials needed | <ul style="list-style-type: none"> • Rubber bands • Skewer wood pick • Masking tape • Paper cup | | | | |
| Outline of the steps | <ol style="list-style-type: none"> 1. Building the structure 2. Tie the elastic bands 3. Test your catapult ! | | | | |
| References | STEM Inventions. (s. d.). DIY Pyramid Slingshot Engineering Project for Kids. DIY STEM Projects. Consulté 6 juillet 2023, à l'adresse https://www.stem-inventions.com/pyramid-slingshot | | | | |

How to build a Viking catapult

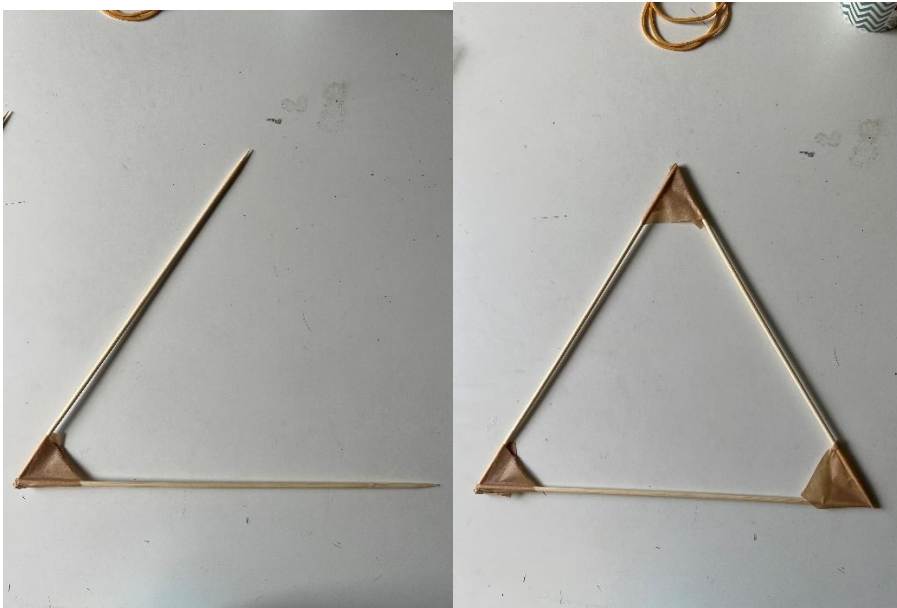
Step 1: Build the structure

Estimated time: 15 minutes

- Gather the material needed



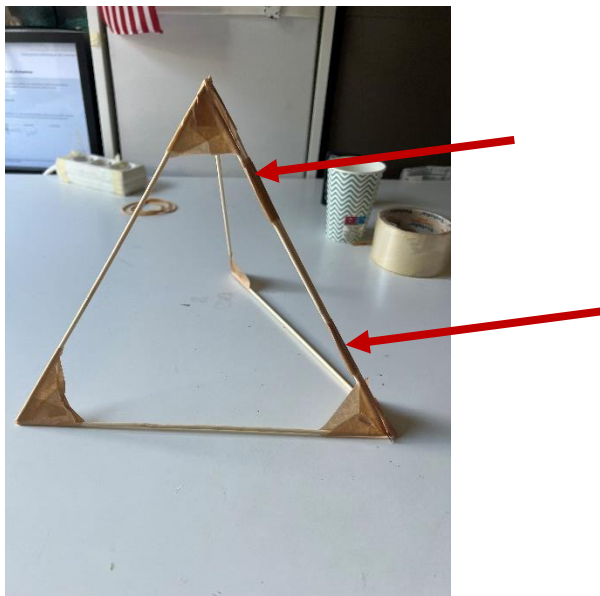
- Assemble 3 sticks together to form a triangle by placing adhesive tape at the ends.



- Repeat the operation three times



- Assemble the 3 triangles to form a pyramid by placing a piece of adhesive tape towards the top of the stick and another towards the bottom.



- Do the same for the other two sides.



Step 2: Tie the elastics bands

Estimated time: 5 minutes

- Place each rubber band on the middle of one of the edges of a triangle



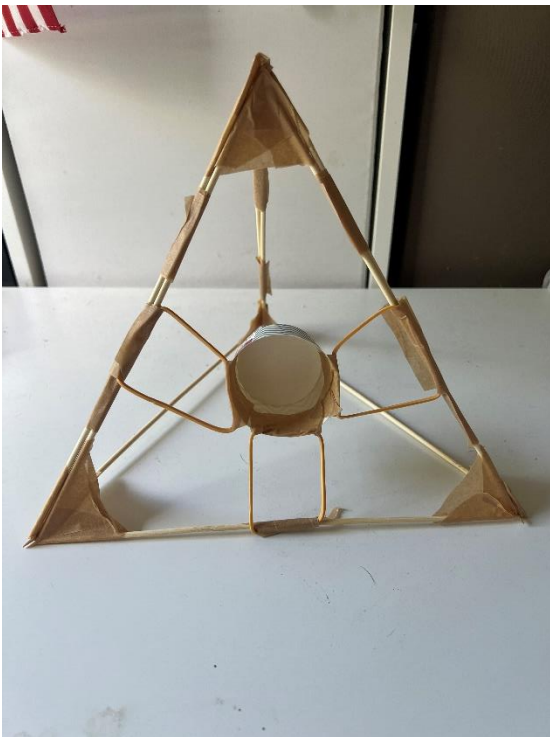
- Use the adhesive tape to attach the small paper cup.



Step 3: Test your catapult !

Estimated time: 10 minutes

- Place small objects in the cup and test your catapult by taking the cup with one hand and holding the catapult with your other hand.



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