

Build a scale

Name of the object and creator	Build a scale by Logopsycom				
Recommended ages	6-8 years				
Thematic areas combined (STEAM)	Sciences	Technology	Engineering	Arts	Mathematics
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Materials needed	<ul style="list-style-type: none"> • A clothes hanger • 2 cardboard cup • Wool 				
Outline of the steps	<ol style="list-style-type: none"> 1. Gather the material 2. Build the scale 3. Test it ! 				
References	<ul style="list-style-type: none"> • Ecole Jules Ferry. (s. d.). Défi sciences : Fabriquer une balance. Consulté 25 avril 2023, à l'adresse http://www.sciences92.ac-versailles.fr/wp-content/uploads/sites/234/2020/05/D%C3%A9fi-CP-EE-J-Ferry-B-Mme-coupeaux-Clichy.pdf 				

STEP BY STEP: How to build a simple scale

Step 1: Gather the material and start the construction

Estimated time: 10 minutes

- Gather the material.



- Drill two holes facing each other in the two cups.



- Cut two pieces of wool to the same length (50cm).

Step 2: Build the scale

Estimated time: 10 minutes

- Thread a piece of wool through both holes in a cup and tie knots to hold it in place.



- Do the same for the second cup.

- Place the two cups at the ends of the hanger and hang them!



Step 3: Test it !

Estimated time: 10'

- Place small objects in the cups to see which is heaviest.



DiSClaimer

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.



**Co-funded by
the European Union**