

Build a periscope

Name of the object and creator	Periscope by Logopsycom				
Recommended ages	9-12 y.o				
Thematic areas combined (STEAM)	Sciences	Technology	Engineering	Arts	Mathematics
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Materials needed	<ul style="list-style-type: none"> • Cardboard • Scissors • Masking tape or glue • 2 small mirror or mirrored sheet • A ruler 				
Outline of the steps	<ol style="list-style-type: none"> 1. Gather all the material 2. Build your periscope 3. Test it ! 				
References	<p>Comment fabriquer un périscop : 15 étapes (avec images). (s. d.). wikiHow. Consulté 7 juillet 2023, à l'adresse https://fr.wikihow.com/fabriquer-un-p%C3%A9riscope</p>				

STEP BY STEP: How to build a periscope

Step 1: Gather all the material

Estimated time: 10'

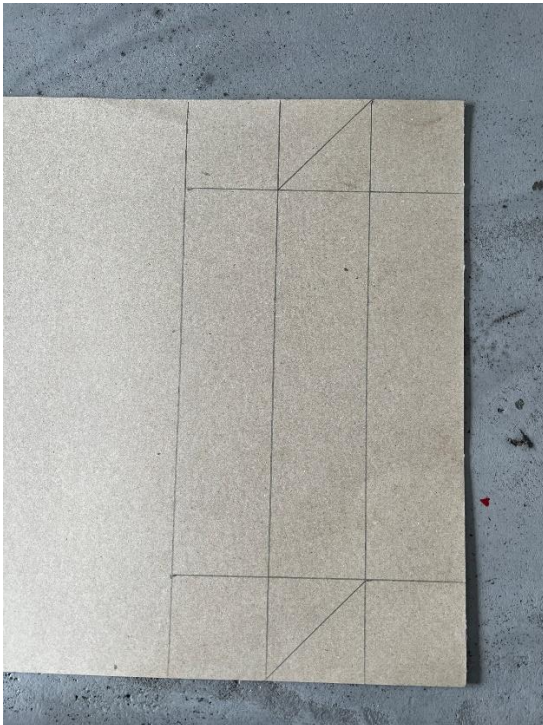
- Gather all the material needed



Step 2: Build your periscope

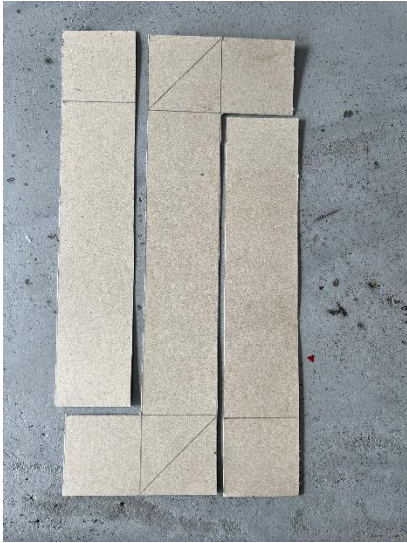
Estimated time: 30 minutes

- Start by drawing 3 columns 5 centimetres wide and 20 centimetres long. Draw 2 squares (5cm x 5cm) at the ends of each column

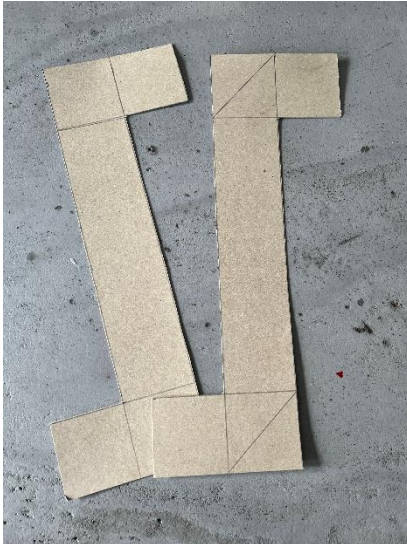


- Cut in the shape of a Z.

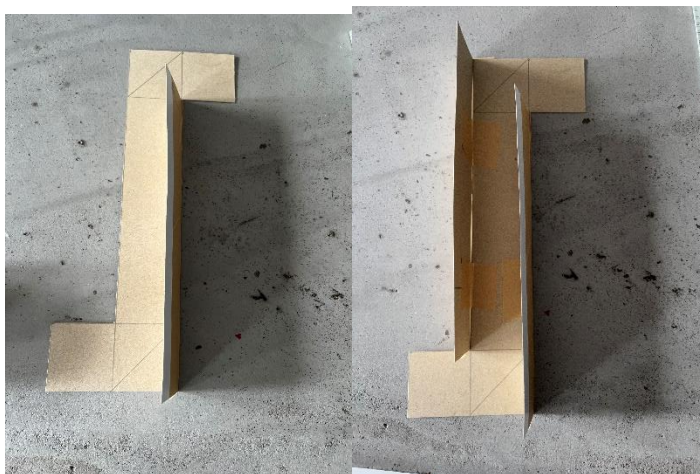
Tips: Keep any extra pieces of cardboard as they will come in handy later.



- Repeat the same operations to obtain two identical shapes.



- Start assembling by gluing or taping the different parts together.



- Place and secure the mirrors.



- Close the shape by adding pieces of cardboard of the right size.



Step 3: Test it !

Estimated time: 10 minutes



DISCLAIMER

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