

Hidden coins

Topic/Learning objectives of exhibit:

Statistics, but also probability, strategy, solving problems skills, fractions, accuracy.

List of Materials Required:

- Two types of 3D-printed coins
- The 3D-printed box
- Bolts and nuts
- Screwdriver

Box link

https://drive.google.com/file/d/1uF0rCSZiJgpvr_I4j0E4VJePrHQnrsI e/view?usp=drive_link

Coins link <u>https://drive.google.com/file/d/1zxImbCWbnJ5zxp3Yb30-gW_87f9u1aNW/view?usp=drive_link</u>





Assembly

Estimated Time: 5 min

Step 1	Put 20 of the 3D-printed	
	coins in the box, some of	
	each type.	
Step 2	Put the lid over the box.	
	Screw together both parts of the box	
Step 3	Place the box next to the board. Add one coin of each type as counters.	Hidden Coins Each of the 20 coins in the box is worth 1 or 2. Can you find out, or estimate, the total amount of money in the box?
	The exhibit is ready to use.	You can use these counters if you need them: Image: A state of the sta
		Co-tunded by the European Union

Observations

Change the proportion of each type of coin to propose a new challenge. Do not add counters if they are at risk of disappearing.

