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_I4j0E4VJePrHQnrsle/view?usp=drive_link

Coins link https://drive.google.com/file/d/1zxlmbCWbnJ5zxp3Yb30-gW_87f9u1aNW/view?usp=drive_link

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. The exhibit is ready to use.	
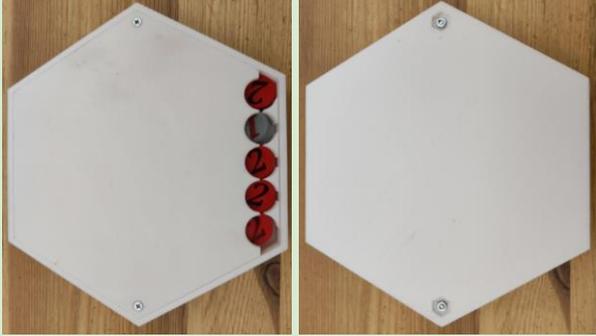
Observations

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