



Coin Game Piggybank (parametric & modular)



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updated 26. 11. 2023 | published 26. 11. 2023

Summary

A fun way for saving money, for each coin you save you get to play this game. Parametric & modular design.

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[duchshuffleboard](#) [sjoelen](#) [sjoelbak](#)

This game is a crossing between Dutch Shuffleboard (Sjoelbak/Sjoelen), pinball (flipper), skee-lee, It can be a simple game or it can also serve as a piggybank: it uses coins to play and you can store the coins inside.

The design is modular, you can for example create a new field and change it on the fly to alternate fields.

Assembly:

1. First connect the front and back pieces (in red) to the base
2. Connect a wall to this and add the guard rail
3. You can then connect the second wall

4. Finally slide the field in the rails and put the pins/barriers/... in place (the field should rest on the supports of the back piece)

How to play:

- Take a coin and put it behind the guard rail
- Fling/push/flick/... the coin onto the field (the coin must pass beneath the guardrail)
- You score points if the coins enters a slot, if it doesn't enter a slot and stops moving retry from behind the guardrail again.

The idea of the piggybank is to leave the coin inside once you scored points with it, keep maybe track of each person's score on a paper and see who is the best at saving and scoring. Do not make it a swear jar however, your kids might purposely curse to play ^^.

The game is by default designed around European coins (copies are included) but coins are coins and you can easily tweak the parameters to your needs. Models of European coins are provided as well would you prefer not using real money.

Printing:

- I recommend printing the field with text facing down for a better finish especially if you have a PEI plate.
- Printing the pins in a flexible material could deflect the coin more
- Depending on your print quality you might need to square up the connectors with an exacto knife for example
- The connectors press fit together but you can glue them together for more strength.
- If your pins fit too loosely due to them having a tolerance near the nozzle size, scaling them *1.2 can help to obtain a better fit (don't glue them to the field or you won't be able to slide the field back out)

Have fun and happy saving!

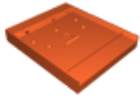
This remix is based on



Euro Coins (fusion360)

by mosselini1

Model files



coin_game_piggybank.stl



coin_game_piggybank.step



coin_game_piggybank.f3d

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