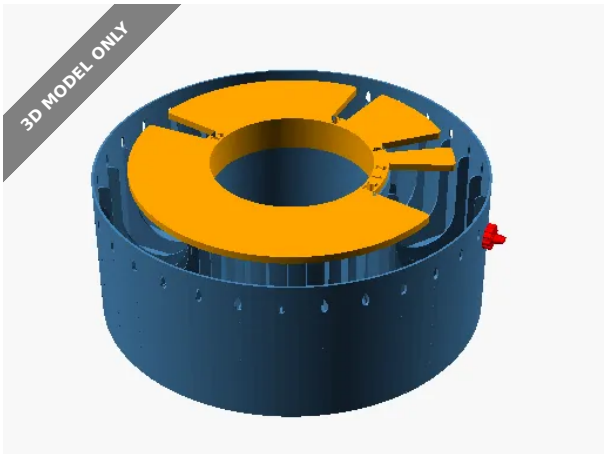

Circular Leitner Box for Spaced Repetition Flashcards

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VIEW IN BROWSER

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Summary

Round flashcard carousel, one slot per day, with a lid that reveals the slots to review on days 1, 2, 4, 8, 16 and 32.

Learning > Other 3D Objects for Learning

Tags: parametric box learning openscad memory study flashcards leitner spacedrepetition

A circular Leitner box: a physical tool for spaced repetition learning. The cylindrical carousel has 32 radial slots, one per day, for standard 54 × 70 mm flashcards. The matching lid has windows over the slots to review on days 1, 2, 4, 8, 16 and 32.

- **Rim** with 32 card slots, 216 mm diameter, 83 mm tall
- **Lid** with the review-day windows
- **Day marker peg**

Printing

How to use it: new cards start in compartment 1. A card you answer correctly moves to the next compartment; a wrong answer sends it back to

compartment 1. Higher compartments come up less often, so you spend your time on what you have not learned yet.

Customize it in your browser

This model is fully parametric. Change card_width, card_height, days and the wall thicknesses (set for 0.42 mm lines and 0.28 mm layers). Open it in the free OpenSCAD Playground, change the numbers and export your own STL: Open it in OpenSCAD Playground

Source

The OpenSCAD source and the rest of my models are on GitHub: github.com/SinaChavoshi/3d_printer_agentic_models

Designed with AI assistance in OpenSCAD.

Model files

leitner_box_day_marker_peg.stl

leitner_box_lid.stl

leitner_box_rim.stl

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