



3D Printed Pendulum Clock

1 100

[VIEW IN BROWSER](#)

updated 23. 1. 2026 | published 23. 1. 2026

Summary

Just like it sounds like

[Household](#) > [Home Decor](#)

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[numbers](#) [reupload](#)

MODEL WAS REUPLOADED FROM THINGIVER

I do enjoy making 3D models that actually DO something instead of just looking nice. A weight operated pendulum clock is certainly one of my favorites. This model, one of my newer designs, not only DOES something (it keeps time) but also looks good.

Most of the clock is 3D printed, but a few items still need to be purchased (I've not been able to print screws, bearings, nylon cord, or lead shot). Links to examples of each are included in the (very detailed) assembly instructions (PDF document).

The clock is 346mm (14in) wide and 1.3m (50in) tall (with the weights and pendulum) and has a run time between windings of about 36 hours.

All the parts were printed in PLA.

The maximum bed size needed is 188mm x 180mm.

UPDATE 01/10/26: The tooth counts for gears and pinions 6 and 7 were reversed in the text file 'Gear Train Timings.txt', The error has been fixed in the new file. This has no effect on the model.

UPDATE and CORRECTION 01/11/26: The model for the clock face (Clock_Face.STL) did not include the raised numerals that allow for two color printing. A new update model (Clock_Face_with_Numerals.STL) has been added and the assembly instructions updated.

UPDATE and CORRECTION 01/13/26: The models in the file Pendulum_Sections_x5.STL have been fixed so that the Pendulum Connectors will fit either end of the sections (one end of the pendulum section models in the previous upload was not the correct size).

This remix is based on



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by OldManJohnson

Model files

	files	42 files
	frame_mid_rear.stl	
	clock_mounting_ring_and_sleeves.stl	
	55mm_gauge_block.stl	



clock_face_mounting_pins.stl



pinion_3_and_spacers.stl



clock_face.stl



anchor_esc_and_spacers.stl



gear_4.stl



frame_left_rear.stl



frame_mid_front.stl



clock_hands.stl



frame_right_front.stl



pendulum_connectors_x5.stl



gear_5.stl



gear_train_shafts.stl



frame_right_rear.stl



pendulum_head.stl



pendulum_bob_body_and_cover.stl



pendulum_yoke_and_hanger.stl



frame_standoff_x6.stl



bearing_covers_x6.stl



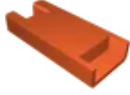
door_hanger_5mm.stl



gear_3.stl



frame_left_front.stl



pendulum_shaft_extension.stl



pinion_4_and_spacers.stl



door_hanger_4mm.stl



pendulum_inserts_x6.stl



gear_7-pinion_7-hub_and_spacer.stl



weight_screw_bottom_x3.stl



pendulum_sections_x5.stl



gear_2-pinion_2_and_spacers.stl



weight_body.stl



weight_screw_top_x2.stl



weight_drum_ratchet.stl



weight_drum_top_cover_and_spacers.stl



weight_drum_top_and_bottom.stl



weight_body_extension.stl



pendulum_bob_adjuster_and_nut.stl



clock_face_with_numerals.stl



gear_6-pinion_6_and_shaft.stl



timing_gear-pinion_1_and_spacers.stl

Other files

 **files** 1 file

 **clock_assembly_instructions.pdf**

 **readme.txt**

 **license.txt**

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