



Whale Fossil / MPC 677



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Summary

Modified model to make it printable! Fossil Whale excavation site MPC 677. source from the Smithsonian.



16.14 hrs



1 pcs



0.05 mm



0.40 mm



PLA



34 g



Prusa MINI /
MINI+

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Tags: [highquality](#) [history](#) [school](#) [smithsonian](#) [whale](#)
[biology](#) [detailed](#) [modified](#)

I modified the this model to make it printable: <https://3d.si.edu/object/3d/fossil-whale-excavation-site-mpc-677:a4068a00-9712-4c8e-8948-a9e2ea27fe0a>

From the Smithsonian 3D-Model archive.

I find archaeology really interesting and amazing so I decided to print this model out of the gigantic library.

But before I could turn on the printer, I had to repair the original file and modify it to make it printable. I removed all the overhangs, of course without changing the geometry too much.

If you decide to print the model, I recommend that you print it with the smallest possible layer height, to get as much detail as possible.

This is a great model to show in biology lessons at school.

I would love to see your make!

More Details about the real fossil: <https://www.si.edu/newsdesk/photos/cerro-ballena-fossil-whales>

Settings:

Support: No

Raft: Doesn't matter

Layer height: 0.1 or less

Included are two .stl-files: "full-scale" and "printed-scale" and the G-code I used.

Model files



whale-fossil-mpc-677-full-scale.stl

☐ Really BIG!



whale-fossil-mpc-677-printed-scale.stl

☐ As seen on the pictures!

Print files



whale_005mm_pla_mini_16h9m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.05 mm ⌚ 16.14 hrs ⚖️ 34 g 🖨️ Prusa MINI / MINI+

☐ The G-code I used

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