

Orrery papers

Duckworth - Solar System Orrery (3D Printed) : 13 Steps (with Pictures)



Description: -

-Orrery papers

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Notes: In 2 vols.

This edition was published in 1903



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Tags: #Solar #System #Orrery #(3D #Printed) #: #13 #Steps #(with #Pictures)

Estate Record: Boyle (Earl of Cork and Orrery)

The cost was 2½ or 3. The beauty of gears is that you can increase the module to get bigger gears, or double or triple the number of teeth.

Lesson Making a 2 dimensional Orrery.

Print one big ring with the lugs in one go. In 1774 Rittenhouse became the city surveyor of Philadelphia, and he constructed an observatory in the city. This will require 3 students- one for the Sun, one for the Earth and the 3rd for the Moon.

Orrery Papers, Used

All other planets should have clearance. Randolph that there is a box from England lodged for me in the custom-house at Bermuda. The gear used is one of the 2 gears with a slot in stead of a dot.

Rittenhouse Orrery

This is more than accurate enough for me. Every 1% should give around 0.

The Orrery papers : Cork and Orrery, Emily Charlotte (De Burgh

My initial idea was that with only 3 bodies the Tellurion would be simpler than the orrery. A ratio of 1:2,5534 is required relative to mercury, and 1:8,9851 relative to the sun. The real brass filled PLA is expensive and hard to find and I'm not sure if polishing the gears is practical with a filament that has 70 or 80% brass.

Orrery

These indicate their location in the orrery. Once the moon tracks properly on the gear, the moon ring gear can be secured with super glue.

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It took me over an hour and some extra drilling in gear arms to get it to track. The 6 gear arms can be used to adjust the spacing between the gears.

Orrery

You will have to eyeball the other planets arms. If they were worth printing, the many allusions which they contain to the life and personages of the eighteenth century deserved elucidation.

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