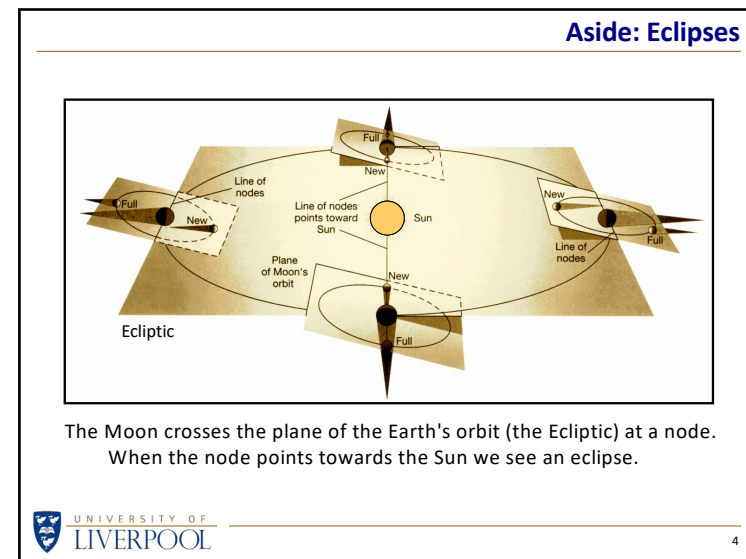
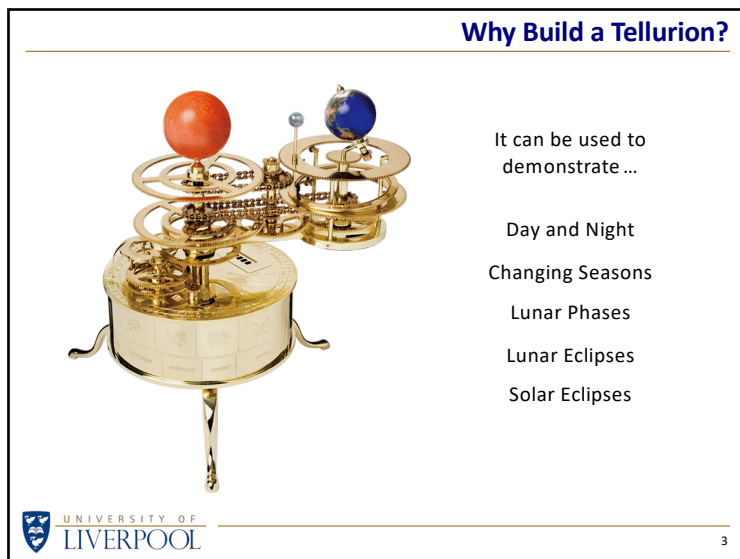
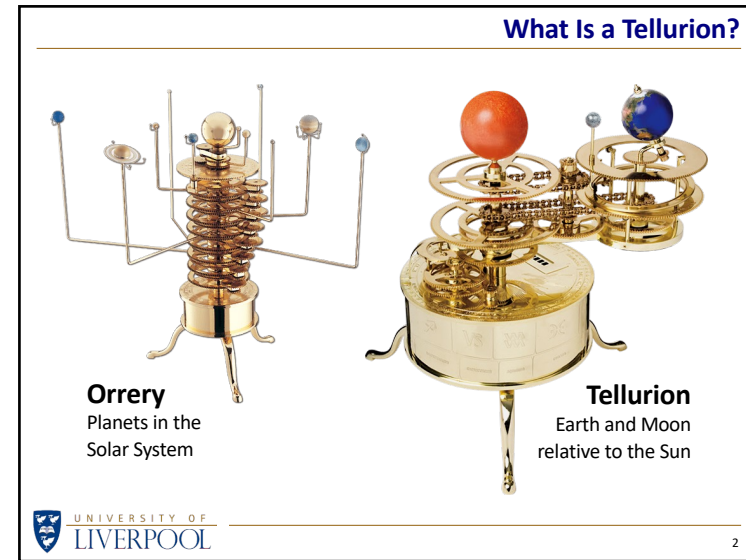


Building a Tellurion



Building a Tellurion

How It Works

Three different types of lunar month are built in to the mechanism...

- Synodic**
29.5 days *New Moon to New Moon*
- Draconic**
27.2 days *Node to Node*
- Anomalistic**
27.5 days *Perigee to Perigee*

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Collect the 52 Parts

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Instructions

STAGE 1, PHASE 3: 91-TOOTH GEAR
COLLECT ALL THE COMPONENTS YOU NEED TO BUILD THE THIRD PHASE OF STAGE ONE IN ISSUES 5 AND 6.

Which part has which number and comes with which magazine?

How do these parts fit together?

Exploded view of this assembly

Finished view of this assembly

Part Number	Component Name	Quantity	Supplied with Issue
5	ASTRA SUPPORT ARM	1	6
14	SPINDLE COLLAR	1	6
15	91-TOOTH GEAR	1	6
16	LARGE PLASTIC WASHER	1	6
MM2	SMALL SCREW	3	6
MM3	CROSSHEAD SCREW	3	6

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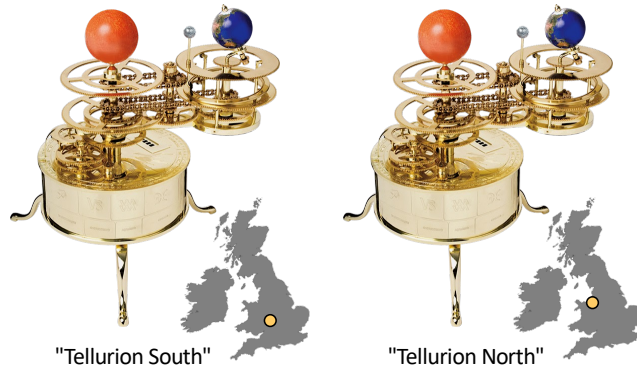
Find the 52 Parts

Find the 52 Parts

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Building a Tellurion

Duplication of Parts Led To...



Beware!



For some, collecting parts and building orreries and tellurions can be addictive (or maybe an obsession).

Full Set of 52 Parts

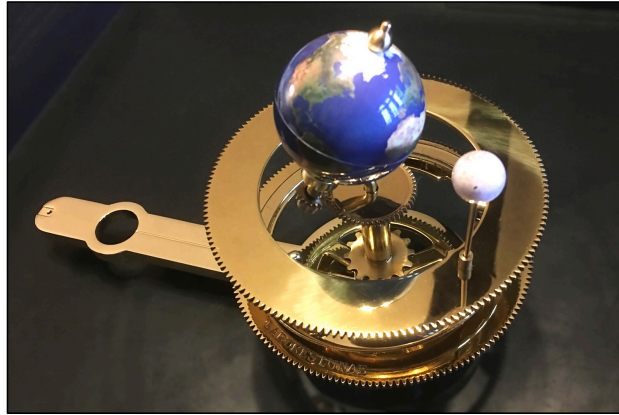


Earth

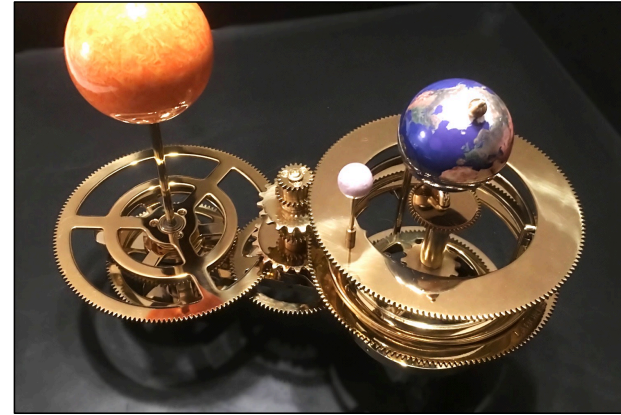


Building a Tellurion

Earth + Moon



Sun + Earth + Moon



Hints and Tips



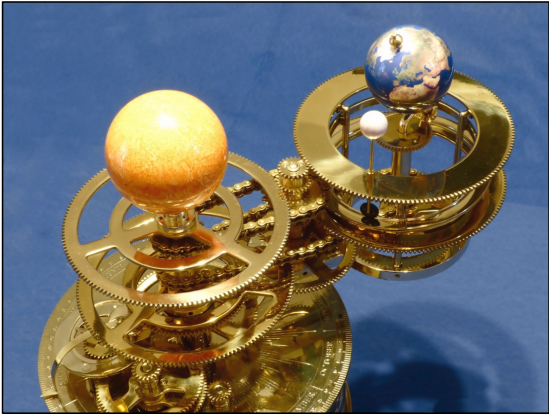
10 Hours Later



The tellurion took about
10 hours to build and a
few hours to fine tune.

Building a Tellurion

Tellurion Build Complete



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Building a Tellurion



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Eagle Moss

General information from Eagle Moss distributor
<https://en-gb.eagle-moss.com/our-other-collections/eagle-moss-classics/build-model-earth-moon-sun-orbiter>

Back issues and parts for orrery and tellurion
<https://shop.eagle-moss.com/solar-system>

Partworkscollectables
<https://partworkscollectables.co.uk/Eagle-moss-Build-A-Model-Solar-System>
<https://partworkscollectables.co.uk/Eagle-moss-Build-A-Model-Earth-Moon-Sun-Orbiter>

Back issues and parts also available from
Amazon / eBay / Facebook

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Building a Tellurion

www.liverpool.ac.uk/~sdb/Talks

Dr Steve Barrett

ADAS 3 Mar 2023