

Universe in a Box is a low-cost, educational activity kit developed to assist teachers and educators in bringing astronomy to the classroom, science centres, planetariums, and outreach centres across the globe.

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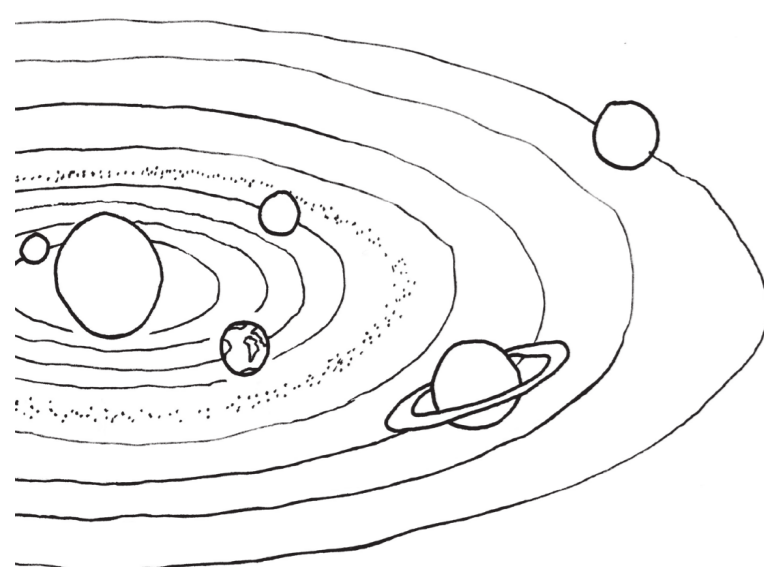
Modules

Earth-Moon-Sun



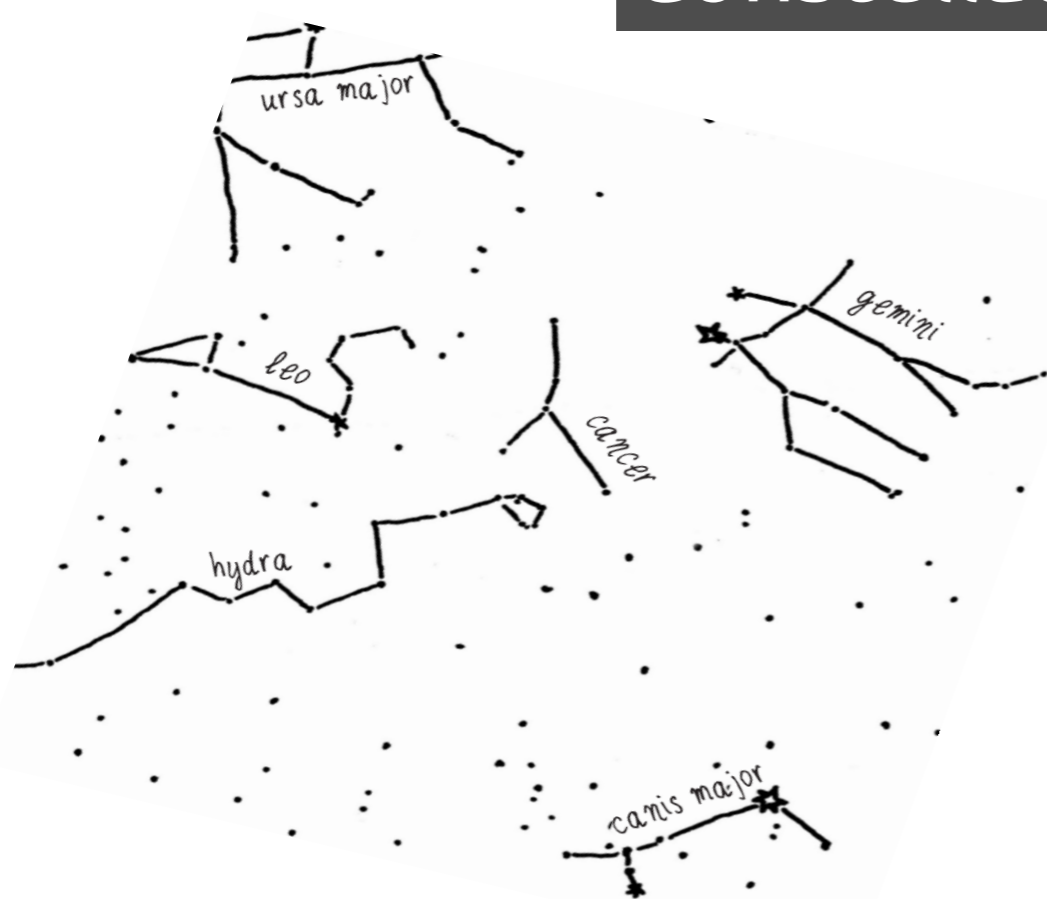
Moon phases, lunar surface, distance, cultural stories; Earth shape, day and night, seasons; Sun's invisible light, path of sun, rotation and revolution

Planets



Solar system model to scale; planetary paths; telescopes, rocket science

Constellations



Zodiac band, constellation visibility, cultural stories, using a planisphere, navigation

What's Next?

Prototype testing in late 2012 in the following countries: Brazil, Egypt, India, Indonesia, Ireland, Netherlands, Poland, Portugal, Sri Lanka, UK

Translation and localization: Language, hemisphere, and culture

Design and durability: Logo, handbook, box more EU-UNAWE modules



Educational Goals

- Promotion of primary school competencies through astronomical themes
- Linking astronomy with natural sciences (math, biology, chemistry) and social sciences (art, history, culture) to support interdisciplinary learning and understanding
- Creating awareness among children to appreciate the wonders of our small pale blue planet Earth

Practical Features

Materials and Handbook

Low-cost

Customizable

Localizable

Modular

Resonates with EU-UNAWE's mission of inquiry-based, interdisciplinary, and cultural content

Who is it for?

- Playschools, primary schools, secondary schools
- Amateur astronomy clubs, planetariums, observatories, museums
- Science centres, afterschool activity centres, Children cafes

1
Universe
in a Box

☆☆☆

45

UNAWE
Network
Countries

☆☆☆

3

Years

