

“What makes the universe so hard to comprehend is that there's nothing to compare it with.”



# Upside down World Map

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# Astronomy...

# What do our students really know..

# Where do we start?

Start with what they know.

The Sun, Moon and Earth are not completely abstract or foreign ideas to kids.

Students can relate to them in some way.

# How do we progress?

- What is observable by the children?
- What has impact on their daily lives?
- What do they notice about change?
- After noticing changes, how does it all work?
- Earth, Moon and Sun movement.
- Making observations and inferences.



- **Introducing the Solar System.** Planets as the Moon
- **Size and scale.** The biggest stars walk the solar system
- **Observations using technology.**
- **Wondering about life? What makes earth so special.**
- **What drives us to find what is out there?**
  - Why it might be, or not be, a good thing (cost/benefit analysis)
- **Where to from here?**

Astronomical events provide the  
perfect “teachable moment”

Matariki: The Legend, Locate

Eclipse: Create your own Solar/Lunar

Asteroids: What if? Inquiry

Mission to Mars: Why would you be the  
perfect candidate? Inquiry

Mapping the constellations

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