ERATHOSTHENES’ EPIPHANY
... but it looks flat

* Look at the cartoon. Discuss the summer solstice.
Questioning

✶ How did the characters use information in their world to form their ideas?

✶ Why did the characters disagree?

✶ What did Eratosthenes suggest when they disagreed? Why?

✶ Why do you think the companion listened to Eratosthenes’ idea?
What evidence do we (people) now have that would further support Eratosthenes ideas that the earth is a sphere?
Claims

Throughout history different scientists have had different claims about the world and have argued about evidence and reasoning behind their claims.
Hundreds of years ago there was a major debate about whether the Sun orbited the Earth or whether the Earth orbited the Sun.
Claims

* Claim 1: The Moon and the Sun both circle the earth
* Claim 2: The moon circles the Earth while the sun circles them both.
* Claim 3: Moon circles the earth while the Earth circles the Sun
Debating our place

Claim 1
The moon and the sun both circle the earth.

Claim 2
Near the moon circles the earth while the sun circles them both.

Claim 3
I think the moon circles the earth while the earth circles the sun.