

NOTE PROMPTS FOR COSMOS – EPISODE VI: *Travellers' Tales*

“Across the sea of space, the stars are other suns”

1. Voyager notes

Where on Earth are interplanetary voyages controlled from?

Voyager cannot rely on solar energy. Why? And what will it use for energy instead?

Inner to outer moons of Jupiter

1. _____ 2. _____

3. _____ 3. _____

What is the gold disc and what data does it hold?

2. Exploration. What destinations were/are attainable in...

a few days THEN a few days NOW

A few months THEN a few days NOW

A year and a half THEN a few days NOW

Exploration was (more / less) expensive per person then than it is now.

3. Which Europeans embraced exploration to the greatest extent during The Enlightenment?

They “knew” that unrestrained pursuit of profit was (beneficial / detrimental) to the health of the society.

New Holland is now called _____

4. What country did Galileo's first telescope come from?

Compare the treatment of Bruno and Galileo to that of Huygens

5. Leewenhok did the first research using a

6. What was Huygens' description of Saturn's ring?

7. "Across the sea of space, the stars are...

8. The moons of Jupiter and Saturn are
__very different from one another
__pretty much all the same as each other

Had Jupiter been more massive, it would have become....

What path is this?

From the sun to Europa to Voyager to Australia to a communication satellite to JPL.

9. What's surprisingly missing from the surface of Europa?

What surprise was found on Io? It was the first...

Of Saturn's moon Titan, Sagan says, "No ship from Earth has ever penetrated those clouds and viewed close up the surface of this tantalizing world."

In January 2005, The Cassini mission to Saturn delivered a probe that landed on Titan. The probe's name? Huygens!

Carl Sagan died in 1996. He never saw the images from Cassini/Huygens.

10. Update notes.

Is the "stuff of life" found elsewhere in the solar system?

How many worlds do we know of that are graced with life?