

What do astronomers do?

Science - Space



Miss Hummel



Answer this question:

1. What is astrology?

Astrology is ...



Answer these questions:

- 1.** What is astronomy?
- 2.** Which is based on scientific evidence, astronomy or astrology?



Recap Task:

1. In which parts of the world was the place of the Earth discussed?



Recap Task:

1. Which type of scientist helped astronauts get into space?



Preparation for the rest of the lesson:

Famous Astronomers	Lived	Background information	Famous for:
Ancient Mayans			
Ptolemy			
Nicolaus Copernicus			
Katherine Johnson			
Jocelyn Bell Burnell			



Recap Task:

- 1.** Where were the Ancient Mayans based?
- 2.** What was included in the book “The Almagest”?



Recap Task:

1. Why did Copernicus not publish his findings until he was on his deathbed?



Recap Task:

1. Katherine Johnson was give the job of a...



Recap Task:

1. What did Jocelyn Bell Burnell's work lead to?



Match the person to the discovery below:

**Ancient
Mayans/Ptolemy**

Discovered a new type of star called a pulsar.

Mapped out the movement of stars and planets in more detail than ever before.

Copernicus

Wrote a key book that showed the Sun was the centre of the solar system.

Katherine Johnson

Was a human computer that helped humans get into space.

Jocelyn Bell Burnell



Answers:

**Ancient
Mayans/Ptolemy**

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Discovered a new type of star called a pulsar.

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Use the information from this lesson or your own research to write a report on 'My Favourite Astronomer'. Complete the planning questions below and then write the full report.

Planning questions:

- 1) Who have you picked as your favourite astronomer?
- 2) In which years did they live?
- 3) Write down 2 or 3 facts about them:
- 4) Give 1 or 2 reasons why they are your favourite:



Thinking Task:

Isaac Newton said “If I have seen further it is by standing on the shoulders of giants.” What does this mean and how does this apply to the astronomers above?

