

Astronomy and astrophysics

# Stars, moons and planets

What are stars made of?

How does the Sun keep shining?

Do all stars have planets?

Do all planets have moons?

Why are planets round and not  
any other shape?

What would happen to the Earth  
if there was no moon?

How were the moon's craters made?

Can asteroids or comets  
sometimes crash into other  
planets?

**Find out  
the answers**

We've spoke to the  
scientists, and you can  
discover their answers by  
scanning the  
QR code or visiting  
our website.



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## Curriculum Links

By using my knowledge of our solar system and the basic needs of living things, I can produce a reasoned argument on the likelihood of life existing elsewhere in the universe - **SCN 3-06a**.

By researching developments used to observe or explore space, I can illustrate how our knowledge of the universe has evolved over time - **SCN 4-06a**.

Astronomy and astrophysics

# Black holes and space

What happens when black holes collide?

Could earth get sucked into a black hole?

Where would you go if you got sucked into a black hole?

How bright is the Milky Way?

Do alternate universes actually exist?

How long would it take to get out of our galaxy?

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# Technology and innovation

Do satellites watch the Earth?

Do satellites use electronic waves to make technology work?

How did the moon buggy fit in the shuttle?

Are UFOs or aliens real?

What are space suits made of?

How long would it take for a human to run around the moon?

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# Moon landing and being a scientist

What was the purpose of the moon landing?

How much fuel did it take to get to the moon and back?

Why did they stop going to the moon?

Why haven't we gone back to the moon?

What advice would you give to someone that wants to become a scientist?

What is the best part of being a scientist?



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