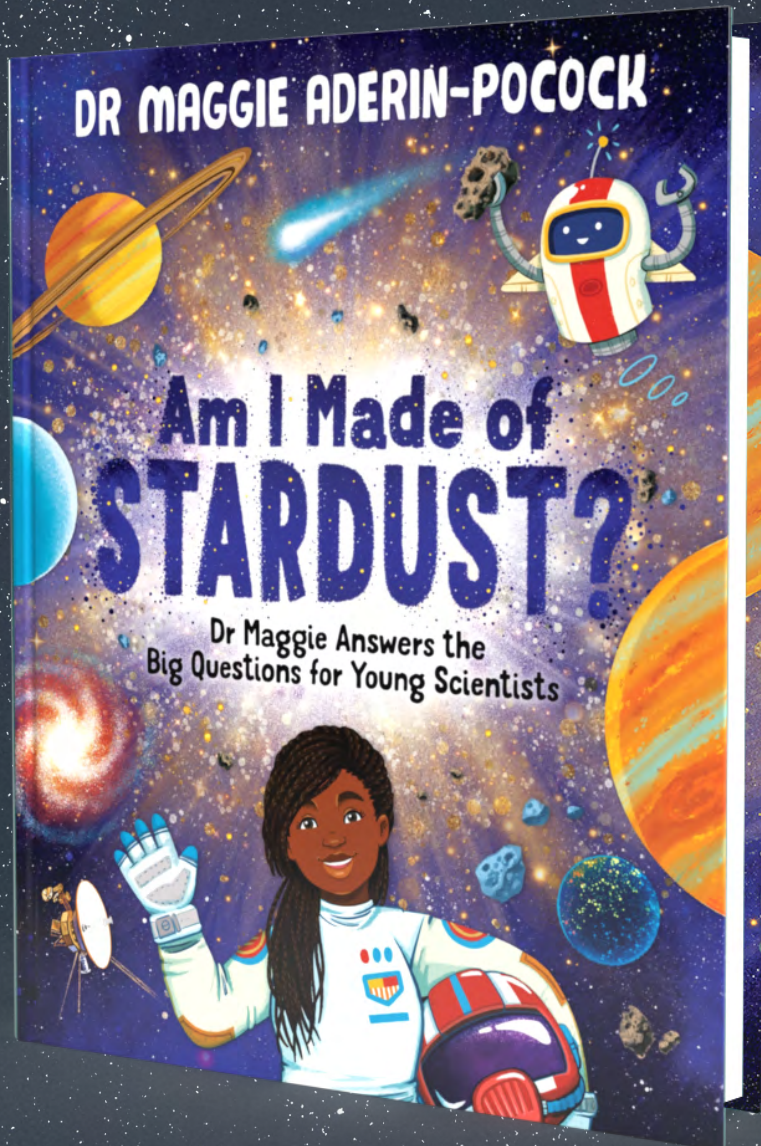


LEARNING RESOURCES

AM I MADE OF STARDUST?

Written by **Dr Maggie Aderin-Pocock MBE**
Illustrated by **Chelen Ecija**



THEMES

Space Travel
Curiosity

SUITABLE FOR

Ages 9 to 11
Year 4 to Year 6

DESCRIPTION

You and your class can join Dr Maggie Aderin-Pocock (MBE) as she answers all her all-time favourite questions about the Universe. From 'What would happen if I fell into a black hole?' to 'Could animals come and live with us on other planets?', there's lots to learn; hold on to your helmets!



ABOUT THE AUTHOR

Dr Maggie Aderin-Pocock is a space scientist and pioneering figure in communicating science to children and adults. She is committed to inspiring new generations of astronauts, engineers and scientists by demonstrating that you 'don't need a brain the size of a small planet' to understand, participate in and enjoy science.

In 2009, Dr Maggie was appointed an MBE for her services to science and education.



THEMES

THE UNIVERSE

The Universe is the word we use to describe all of space and everything in it – from galaxies and nebulae to black holes and planets. Our planet Earth is just a teeny, tiny part of this immense cosmic system. In this book, you and your students can explore how the Universe began and some of the strange phenomena found in its distant reaches.

THE SOLAR SYSTEM

Our Solar System is made up of the Sun (our star) and all the bodies that orbit it. This book takes students from the heart of the Sun to the very edges of the Solar System, to learn all about the planets, moons, dwarf planets and other objects that make up our incredible Solar System.

SPACE EXPLORATION

Learn about the history of space travel, what it takes to become an astronaut and where humans might be travelling in space in the future.

If you could choose anywhere to travel to in space, where would you go?



QUIZ

- 1. What's the name given to the colourful clouds in space?**
 - a) Asteroids
 - b) Comets
 - c) Nebulae
- 2. What is the 'Milky Way'?**
 - a) Our galaxy
 - b) A very large comet
 - c) The Universe
- 3. What is the theory that describes how the Universe began?**
 - a) The Big Beginning
 - b) The Big Bang
 - c) The Big Explosion
- 4. The Sun is huge! What percentage of the Solar System's mass does it take up?**
 - a) 25%
 - b) 50%
 - c) 99.8%
- 5. Which planet looks orangey-red when you see it in the sky?**
 - a) Neptune
 - b) Mercury
 - c) Mars
- 6. What is a shooting star?**
 - a) A star that is moving through the galaxy
 - b) A piece of dust or rock that collides with the Earth's atmosphere
 - c) A dying planet
- 7. What is Jupiter's 'great red spot'?**
 - a) A mountain
 - b) A storm
 - c) A crater
- 8. What kind of animal was Laika, who became the first animal to orbit the Earth in 1957?**
 - a) A dog
 - b) A cat
 - c) A monkey
- 9. In what year did the first Moon landing take place?**
 - a) 1930
 - b) 1969
 - c) 1991
- 10. Can you name the space telescope that was launched in 2021?**
 - a) The Hubble Telescope
 - b) The Buzz Lightyear Telescope
 - c) The James Webb Telescope



ANSWERS

1. What's the name given to the colourful clouds in space?
c) Nebulae
2. What is the 'Milky Way'?
a) Our galaxy
3. What is the theory that describes how the Universe began?
b) The Big Bang
4. The Sun is huge! What percentage of the Solar System's mass does it take up?
c) 99.8%
5. Which planet looks orangey-red when you see it in the sky?
c) Mars
6. What is a shooting star?
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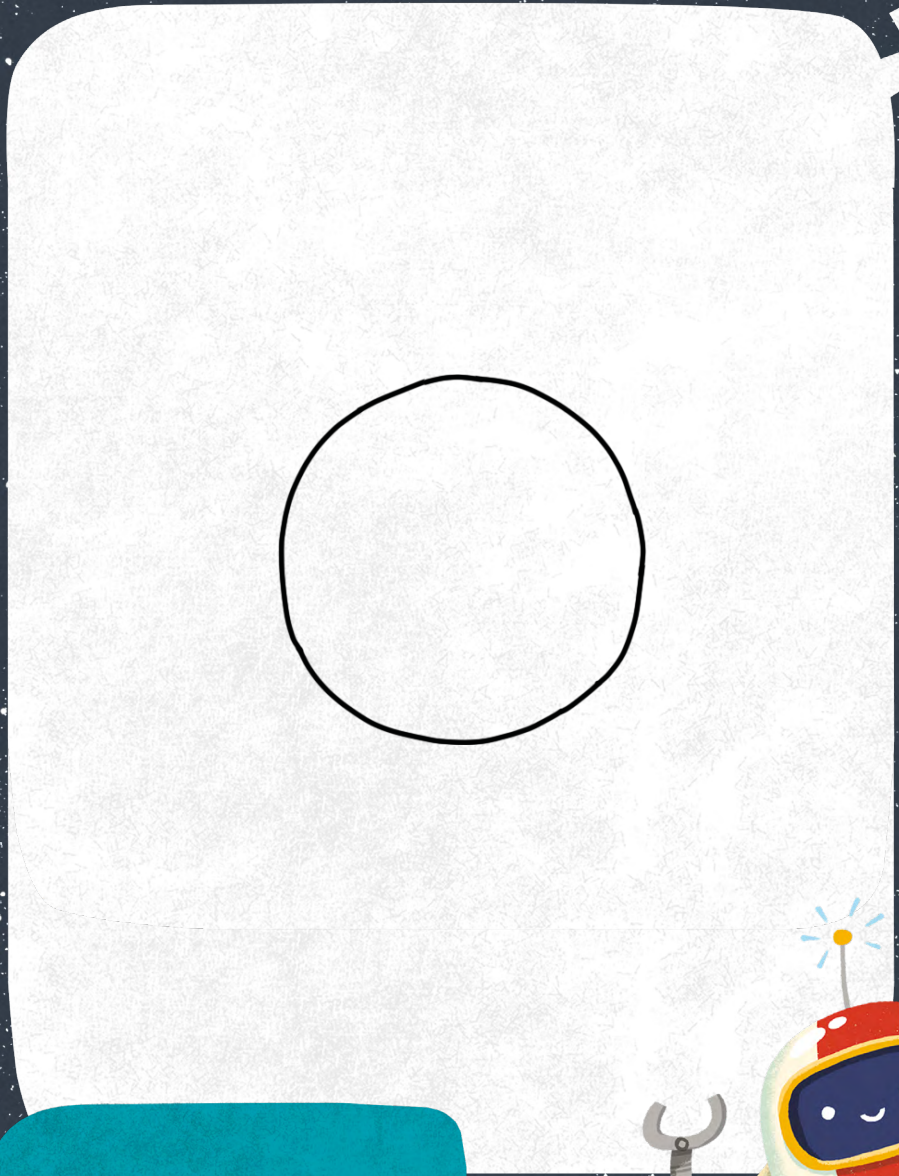


ACTIVITY

IF YOU WERE AN ASTRONAUT, WHICH PLANET WOULD YOU LIKE TO LIVE ON?

Can you choose a planet and write about why you'd like to live there? Think about:

- If it might be hot or cold
- If you can grow food there
- If your pets can go too
- How far away Earth would be



Great! Now can you draw and colour in what the planet would look like from Space?



ACTIVITY

BOOK REVIEW

What did you think of the book? Colour in how many stars you would give it out of five, and use the space below to explain why!



Eight horizontal lines are provided for writing a review of the book.

Use the space below to write down your three favourite facts from the book!

1. _____

2. _____

3. _____

