

World Whizzing Facts: Awesome Earth Questions Answered

Have you ever wondered about the incredible wonders that exist on our amazing planet? From fascinating natural phenomena to mind-boggling statistics, get ready to explore some truly whizzing facts about Earth that will leave you in awe.

The World Beneath Our Feet

Did you know that Earth's inner core is hotter than the surface of the sun? It reaches temperatures of up to 9,000 degrees Fahrenheit! Imagine standing on such an intense ball of molten iron and nickel, located about 3,000 miles below the Earth's surface.

The magnificent Great Barrier Reef, found off the coast of Australia, is the largest living structure on Earth. Stretching over 1,200 miles, it is visible even from space, and is home to more than 1,500 species of fish, 30 species of whales, dolphins, and porpoises, and an array of colorful coral formations.



World-whizzing Facts: Awesome Earth Questions

Answered by Lesa Cline-Ransome (Kindle Edition)

★★★★☆ 4.5 out of 5

Language : English
File size : 56320 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 277 pages



Speaking of breathtaking natural wonders, did you know that the mighty Amazon Rainforest produces more than 20% of the world's oxygen? Often referred to as the "Lungs of the Earth," it plays a crucial role in regulating the planet's climate and provides habitat to countless wildlife species.

The Sky Above Us

When we gaze up at the night sky, it's hard not to feel small and insignificant. However, the universe is a vast and fascinating place. Did you know that there are more stars in the universe than grains of sand on all the beaches of Earth combined? That's a staggering 70 thousand million, million, million stars!

Our very own Milky Way galaxy is estimated to contain around 100 billion stars. It is a giant spiral galaxy, and our solar system is located about two-thirds of the way from the center toward the outer edge. If you could travel by car to reach the center of the Milky Way, it would take you more than 27 million years!

Ever heard of a pulsar? Pulsars are highly magnetized, rotating neutron stars that emit beams of electromagnetic radiation. These beams, similar to lighthouses in space, can be detected from Earth as regular pulses of radio waves. The fastest known pulsar, named PSR J1748-2446ad, spins at a mind-blowing rate of 716 times per second!

The Wonders of Life

Life on Earth has evolved into an astonishing variety of forms, each with their own unique adaptations. Did you know that the world's largest land animal, the African elephant, is capable of recognizing itself in a mirror? Only a handful of species are known to possess self-awareness, and elephants are among them.

When it comes to the animal kingdom, there are some truly bizarre species out there. Take the axolotl, for example. This Mexican salamander has the remarkable ability to regenerate entire limbs, spinal cord, heart, and even parts of its brain. It is essentially the real-life counterpart to the famous Marvel superhero, Deadpool!

Speaking of astonishing adaptations, let's talk about tardigrades. These microscopic creatures, often referred to as "water bears," can survive extreme environmental conditions that would be lethal to most other organisms. They can withstand the vacuum of space, extreme heat, freezing temperatures, and even high levels of radiation!

There you have it – a glimpse into some mind-blowing facts about our beautiful planet. From the wonders beneath our feet to the mysteries of the universe and the astonishing adaptability of life, Earth never ceases to amaze.

So next time you look at the world around you, remember that there is so much more to discover. Our planet is full of whizzing facts waiting to be uncovered, inviting us to explore and marvel at its limitless wonders.



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'Never mind the kids, I've had an education from reading this book! ...

Recommended for any budding scientists, eco-warriors or fans of weird facts'

Rachel Riley, TV presenter and mathematician

'The best way to get out of being bored is discovering something new. The great thing about this book is it whizzes you off to a world of facts you had never heard of. Result: not being bored. Result!' Michael Rosen, Children's poet and author

'Every page bursting with fantastic facts you never thought you needed to know. Indispensable, planet-saving, fact-tastic fun for all the family!' Dallas Campbell, BBC Science presenter

In this new book, TV science expert Dr Emily Grossman answers incredible and important questions about our natural world. You'll find out silly things like why some animals do square-shaped poos and which direction a dog is likely to face while weeing, but you'll also learn what climate change and wildlife loss are actually doing to our planet and what YOU can do to help.

Covering a diverse range of key science topics, from human biology and animals and plants to the weather and space, Dr Emily shows readers why Earth is so weird and wonderfully great. Did you know there's a planet in our solar system where it actually rains diamonds? Imagine that! If you lived there, you'd always be picking them out of your hair, your pockets and probably your pants!

Dr Emily also tackles Earth's BIGGEST problem: climate change. Through clear, sensitive explanations, you'll find out what is actually happening to our Earth and what this means for both humans and wildlife - and what we can all do to help!

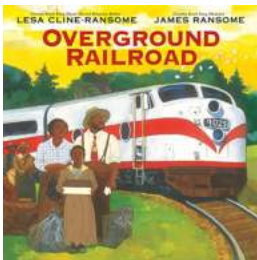
Written by TV science expert, STEM ambassador and advocate for women in science Dr Emily Grossman, this book will make your eyebrows rise, your jaw

drop and your world WHIZZ! It will also give you hope about our future and how we can ALL make a difference.

'I love this book! It's funny, accessible and quirky and has exactly the right balance of questions and information to light the flame of scientific inquiry in young minds. A must-read for all budding young scientists' Lucy Hawking, Children's science author

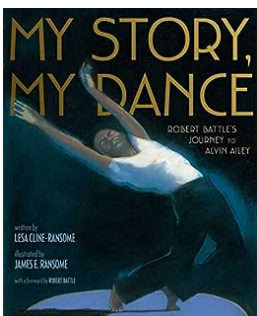
'Since we got this book, all my kids want to talk about is diamond rain, tuna fish eyeballs and how to save the planet ... thank goodness Emily has written down the answers to their insatiably curious questions in a single handy and hilarious volume' Helen Arney, Science presenter, comedian and author

Emily Grossman's first book Brain-fizzing Facts: Awesome Science Questions Answered was shortlisted for the Teach Primary Book Awards 2020.



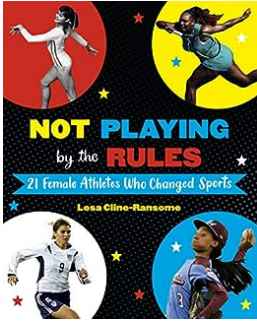
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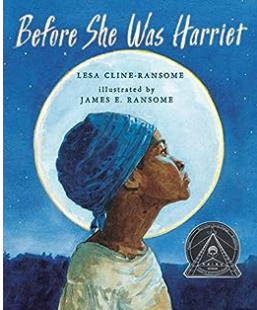
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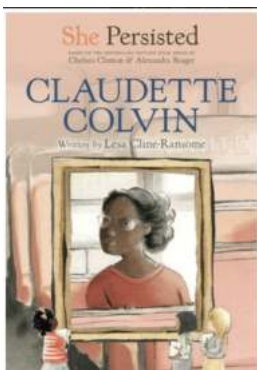
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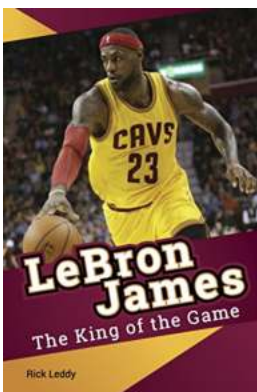
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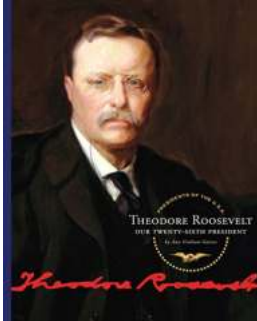
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