



Science and Nature

Pot Luck 32



"Quiz mode: activated. Let the Googling begin... oh wait 🤖"

1. Who wrote Philosophiae Naturalis Principia Mathematica, first published in 1687?
2. After oxygen, what is the second most plentiful element on our planet?
3. How long does it take for light to travel from the Sun to the Earth?
4. Which English doctor discovered that the heart works like a pump?
5. Which African insect transmits sleeping sickness?
6. Which hereditary disease causes the blood not to clot properly?
7. Roughly how long does it take for light from the Sun to reach Earth?
8. Before it was renamed Uranus, what was the planet's original name?
9. What colour absorbs the most heat?
10. Which disease was named from the former belief that it was caused by bad air?
11. What is the rarest eye colour in the world?
12. What colour do bananas glow under UV light?



Total
Score





Question	Answer	Did You Know?
1. Who wrote Philosophiae Naturalis Principia Mathematica, first published in 1687?	1. Isaac Newton	1. 📖 Newton's Principia laid the foundation for classical mechanics and introduced his laws of motion and universal gravitation.
2. After oxygen, what is the second most plentiful element on our planet?	2. Silicon	2. 🪨 Silicon is abundant in the Earth's crust and is a major component of sand and rocks.
3. How long does it take for light to travel from the Sun to the Earth?	3. About 8 minutes and 20 seconds	3. ⌚ Light travels at about 299,792 kilometers per second, making the trip from Sun to Earth roughly 150 million kilometers in just over 8 minutes.
4. Which English doctor discovered that the heart works like a pump?	4. William Harvey	4. ❤️ William Harvey published his findings in 1628, fundamentally changing our understanding of the circulatory system.
5. Which African insect transmits sleeping sickness?	5. Tsetse fly	5. 🦟 The tsetse fly transmits the parasite Trypanosoma, which causes African sleeping sickness, a serious and sometimes fatal disease.
6. Which hereditary disease causes the blood not to clot properly?	6. Hemophilia	6. 💧 Hemophilia is often called the "bleeding disorder" and affects mostly males, caused by a deficiency in blood clotting factors.
7. Roughly how long does it take for light from the Sun to reach Earth?	7. About 8 minutes and 20 seconds	7. ☀️ The sunlight we see is actually around 8 minutes old by the time it reaches us.
8. Before it was renamed Uranus, what was the planet's original name?	8. Georgium Sidus (George's Star)	8. 🪐 Uranus was originally named Georgium Sidus by its discoverer William Herschel in honor of King George III, before the name Uranus was adopted.
9. What colour absorbs the most heat?	9. Black	9. ⬛ Black absorbs all wavelengths of light, making it the best color for heat absorption.
10. Which disease was named from the former belief that it was caused by bad air?	10. Malaria	10. 🦟 Malaria's name comes from the Italian words mala aria, meaning "bad air," as it was once believed to be caused by swamp fumes.
11. What is the rarest eye colour in the world?	11. Green	11. 👁️ Green eyes are caused by a combination of low melanin and the scattering of light, making them very rare globally.
12. What colour do bananas glow under UV light?	12. Blue	12. 🍌 Bananas fluoresce bright blue under UV light due to chemical compounds that form as they ripen.