



SPACE TOURS

TEACHER FACT SHEET

INFORMATION COVERED IN VR

Mercury

- How large is Mercury? 4879 km (.05 earth size)
- How far is Mercury from our sun? 57,900,000 Kilometers
- How long is one orbit of Mercury? 88 days (1/5 of Earth)
- What is the range of temperatures on Mercury? -184 to 465 degrees Celsius
- What is the mass of Mercury? 3×10^{23} kilogram (.6 of Earth size)
- Mercury has no moon.

Venus

- What is the diameter of Venus? 12,504 Kilometers
- How far is Venus from our sun? 108,000,000 Kilometers
- How long is one orbit of Venus? 225 days ($\frac{3}{5}$ of Earth)
- What is the temperature on Venus? 460 degrees Celsius
- What is the mass of Venus? 5×10^{24} kilograms (.81 of Earth size)
- Venus has no moon.

Earth

- How large is Earth? 12,756 kilometers
- How far is the Sun from Earth? 149,900,000 kilometers
- How long is one Orbit? 365.2 days
- What is the average temperature of Earth? 14 degrees Celsius
- What is Earth's mass? 6×10^{24} kilograms
- One moon

Mars

- How large is Mars? 6,805 Km (.15 of Earth size)
- How far is Mars from the Sun? 227,900,000 kilometers
- How long is one orbit of Mars? 687 days (1.9 years)
- What is the average temperature of Mars? -63 degrees Celsius
- What is the mass of Mars? 6×10^{23} kilograms (.1 of earth)
- 2 moons





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Jupiter

- How large is Jupiter? 142,984 kilometers (13.21x Earth size)
- How far is Jupiter from the Sun? 778,300,000 kilometers
- How long is one orbit? 4,332 days (12 years)
- What is the average temperature? -145 degrees Celsius
- What is the mass of Jupiter? 1.9×10^{27} kilograms (318x Earth mass)
- 69 moons

Saturn

- How large is Saturn? Diameter: 116,464 kilometers (764x Earth size)
- How far is Saturn from the Sun? 1,429,000,000 kilometers
- How long is one orbit period: 10,759 days (29 years)
- What is the average temperature on Saturn? -178 degrees Celsius
- What is the mass of Saturn? 6×10^{26} kilograms, (95x Earth)
- 62 moons

Uranus

- How large is Uranus? Diameter 50,724 kilometers (63x Earth size)
- How far is Uranus from the Sun? 2,870,000,000 kilometers
- How long is one orbit period? 31,000 days (84 years)
- What is the average temperature of Uranus? -224 Celsius
- What is the mass of Uranus? 9×10^{25} kilograms (.1 Earth)
- 27 moons

Neptune

- What is the size of Neptune? diameter: 49,244 km (58x Earth size)
- How far is Neptune from the Sun? 4,498,000,000 kilometers
- How long is one orbit period: 60,200 days (165 years)
- What is the average temperature? -214 degrees Celsius
- What is the mass of Neptune: 1×10^{26} kilograms (17x Earth size)
- 14 Moons

