

Earth and Its Neighbors

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Fill in the blanks.

How Are Earth and the Sun Held Together?

1. The _____ is the Sun and the objects traveling around it.
2. The objects around the Sun include nine _____.
3. The path of a planet is called its _____.
4. The Earth is the _____ planet from the Sun.
5. One complete trip of an object around the Sun takes one _____.

What Keeps the Planets in Orbit?

6. The force of attraction between the Sun and the Earth is called _____.
7. Gravity depends on two measurements: _____.
8. The closer two objects are, the _____ the pull of gravity between them.
9. Newton's ideas are called the Law of _____ Gravitation.

Why Don't the Planets Fall into the Sun?

10. The planets are kept in orbit by the Sun's _____.
11. The tendency of a moving object to keep moving in a straight line is called _____.
12. Both _____ and _____ keep the planets in their orbits.


How Does the Sun Light Up Earth?

- 13. All planets spin, or _____ like huge spinning tops.
- 14. How much light and warmth a planet receives depends on _____
_____.
- 15. The length of a day on Earth is _____.

Why Is Earth Special?

- 16. The Earth is at a location where it receives just the right amount of _____ from the Sun.
- 17. The Earth's orbit is a slightly stretched circle, or _____.
- 18. Colder winters and warmer summers are caused by the Earth's _____.

How Else Does the Sun Affect Earth?

- 19. The hard, outer layer of Earth is the _____.
- 20. The rocky surface that makes up the top of the lithosphere is the _____.
- 21. The crust has the soil and many other _____.
- 22. The Earth's water is in the _____.
- 23. The hydrosphere acts as a big _____.
- 24.  The Sun's energy is the driving force of the _____ cycle.