

## Unit 1 Week 2

1. astrobiologists [Noun]  
Sentence: Professor Davies, theoretical physicist, cosmologist, astrobiologists.  
Definition: A scientist who studies life in the universe
  
2. microbes [Noun]  
Sentence: These microbes can be grouped into five major types: Viruses, Bacteria, Archaea, Fungi, and Protists.  
Definition: a microorganism, especially a bacterium causing disease or fermentation.
  
3. colony [Noun]  
Sentence: The colony of ants collected food together.  
Definition: a community of living things  
Synonyms: community
  
4. sensors [Noun]  
Sentence: The door's sensors could detect movement.  
Definition: organs or devices for detecting something
  
5. radiation [Noun]  
Sentence: Radiation from the sun keeps the planet warm.  
Definition: energy given out by atoms  
Synonyms: emanation, emission
  
6. rovers [Noun]  
Sentence: Rovers wander and ramble aimlessly.  
Definition: people who wander  
Synonyms: wanderers, nomads
  
7. meteorology [Noun]  
Sentence: The weatherman studied meteorology in school.  
Definition: the science of weather and atmosphere  
Synonyms: climatology

8. photocopy [Noun]  
Sentence: I made a photocopy, or duplicate, of the test.  
Definition: a copy of printed or written material  
Synonyms: copy, duplicate
  
9. ecology [Noun]  
Sentence: Ecology is the study of animals and habitats.  
Definition: science of organisms and their environment
  
10. geometric [Adjective]  
Sentence: Squares and triangles are geometric shapes.  
Definition: relating to shapes, lines, points and angles
  
11. synchronize [Verb]  
Sentence: Let's synchronize schedules so they match.  
Definition: to make things coordinate with each other  
Antonyms: mismatch, disorder  
Synonyms: coordinate, harmonize
  
12. parameter [Noun]  
Sentence: Temperature is a measurable parameter.  
Definition: one of a set of measurable factors
  
13. chronology [Noun]  
Sentence: A chronology lists when events happened.  
Definition: a list of events in a time sequence  
Synonyms: timeline
  
14. symbiotic [Adjective]  
Sentence: The two species benefit from each other in a symbiotic relationship.  
Definition: having two-way relationship that benefits each
  
15. photogenic [Adjective]  
Sentence: A photogenic girl looks pretty on film.  
Definition: quality of looking attractive on film
  
16. geography [Noun]  
Sentence: We study geography using maps of the world.

Definition: study of natural features of Earth's surface

17. symmetry [Noun]

Sentence: A butterfly's balanced wings have symmetry.

Definition: an exact correspondence in position or form

Antonyms: asymmetry, unevenness

Synonyms: proportion, balance, equality, correspondence

18. geocentric [Adjective]

Sentence: Geocentric studies revolve around the earth.

Definition: related to the earth as focal point

Antonyms: heliocentric

19. chronological [Adjective]

Sentence: I listed the dates in chronological order.

Definition: arranged by order in time or by date

Antonyms: random, intermittent

Synonyms: temporal, sequential, consecutive

20. odometer [Noun]

Sentence: The odometer measured how far we drove.

Definition: device to measure distance traveled

21. chronic [Adjective]

Sentence: I have a chronic cough that won't go away.

Definition: persisting for a long time or recurring

Antonyms: acute, temporary, one time

Synonyms: persistent, habitual, continuing, ongoing, constant

22. photocell [Noun]

Sentence: There are three types of photocell; the photoemissive cell, the photovoltaic cell, and the photoconductive cell.

Definition: a sensor that changes its resistance when light shines on it

23. biosphere [Noun]

Sentence: The earth's biosphere is where life exists.

Definition: the environment where life exists

24. speedometer [Noun]  
Sentence: The speedometer tells me how fast I drive.  
Definition: device for indicating one's rate of speed
25. geology [Noun]  
Sentence: She collects rocks and studies geology.  
Definition: the study of the rocks and soil of the earth
26. photon [Noun]  
Sentence: A photon has no mass nor electric charge.  
Definition: a unit of electromagnetic radiation or light
27. psychology [Noun]  
Sentence: Psychology is about human minds and behavior.  
Definition: the science of behavior and the mind
28. photosynthesis [Noun]  
Sentence: Photosynthesis is how plant cells make food.  
Definition: chemical process where plants create sugar
29. anachronism [Noun]  
Sentence: The old, archaic word was an anachronism.  
Definition: something that doesn't belong in this time
30. insight [Noun]  
Sentence: I had no insight as to why he was angry.  
Definition: ability to know truths that are not obvious  
Antonyms: unawareness  
Synonyms: perception, astuteness, intuition, awareness
31. wandered [Verb]  
Sentence: I wandered aimlessly from street to street.  
Definition: moved around without a goal or purpose  
Antonyms: stayed  
Synonyms: ambled, meandered
32. passage [Noun]  
Sentence: A tunnel allows passage under water.

Definition: a route, corridor or pathway for traveling

Synonyms: way

33. adventure [Noun]

Sentence: I prefer an adventure to boredom and safety.

Definition: an exciting and dangerous experience

Synonyms: venture, escapade, exploit, caper

34. curious [Adjective]

Sentence: I am curious to find out your secret.

Definition: eager to find out something

Antonyms: uninterested

Synonyms: inquisitive, interested, wondering