

## TEK 11 Test

1. Describe the process used by the universe to convert matter into energy.
2. Identify the type of organism that produces its own food and is also known as a “producer”.
3. Identify the process used by many producers to convert light energy into chemical energy.
4. Identify the type of organism that consumes other organisms to provide its own food needs and is also known as a “consumer”.
5. Identify the path that energy and nutrients may take as they move through an ecosystem.
6. If multiple food chains are linked together, what might they form?
7. Identify heterotrophs that only eat plants.
8. Identify heterotrophs that only eat animals.
9. Identify heterotrophs that eat both plants and animals.
10. Heterotrophs have a relationship with what they eat described as predator-prey. Which member of this relationship gets eaten?
11. Identify the type of heterotroph that lives in or on another organism, harming that organism.
12. Ecosystem resources provided by living organisms are classified as \_\_\_\_\_.
13. Ecosystem resources that are not a result of living organisms are classified as \_\_\_\_\_.
14. Identify the term that describes an organism response to changes in the environment.
15. Identify the type of adaptation that changes the way organisms act or react.
16. Identify the type of adaptation that results in changes in the physical characteristics of the species.
- 17.-20. List 4 resources that humans rely upon the oceans to provide.
- 21.-23. List 3 activities through which humans have damaged the oceans.