

GIS Assessment

YET Program GIS pre-test

Name: _____

Grade: _____

School: _____

Age: _____

Date: _____

Math and Science Knowledge

Directions: *Carefully read the following questions and indicate which answer you believe is most accurate.*

- ___1. What does GIS stand for?
 - a. Geospatial Involvement System
 - b. Global Interactive System.
 - c. Great Intelligent System.
 - d. Geographic Information System

- ___2. What is GIS?
 - a. A hand held device that locates your exact position.
 - b. A computer program that creates maps with geographical information.
 - c. A website where you can see an aerial photo of your house.
 - d. A government agency that tracks satellite usage within the United States.

- ___3. What is a legend on a map?
 - a. A place on the map that has more than 150,000 people living there.
 - b. A place on the map that shows you which direction the map is oriented.
 - c. A place on the map that tells you what each symbol stands for.
 - d. A place on the map that tells you what the map is of.

- ___4. What is a layer in GIS?
 - a. It is a technique for creating colorful maps in GIS.
 - b. It contains data about one specific variable used in GIS.
 - c. It is the process of gathering information to create a map in GIS.
 - d. It is a type of map that can be created using GIS.

- ___5. Out of this, list what is GIS not used for?
 - a. Finding people that are lost.
 - b. Newspaper companies track their customers.
 - c. Firefighters locate fire hydrants and fire escapes.
 - d. Farmers to figure out where to plant certain crops.

- ___6. What is a map scale?
- The outer edge of the map where the legend is located.
 - A system for measuring the weight of the map.
 - The relationship between measuring distance on a map and in real life.
 - The size of the map.
- ___7. What is the purpose of registration marks?
- They help you line up different layers on a map.
 - Marks used to identify roads on a map.
 - It is the code number used to identify the map.
 - The copyright symbol that protects the map from being copied.
- ___8. What is the planimetric view of a map?
- A map drawn in with 3 dimensional buildings.
 - A map drawn with north pointing to the top of the paper.
 - A map drawn of what the geography would look like from the road.
 - A map drawn at a specific scale so everything is the same scale.
- ___9. What is a theme?
- It is what you name the map you create in GIS.
 - It is the name of a theme.
 - It is the grouping of similar layers.
 - It is the method of combining 2 maps together.
- ___10. What is geology?
- The science that deals with climate change and weather.
 - The science that deals with planets and how they revolve around the sun.
 - The science that deals with the ancient art of map writing.
 - The science that deals with the history of the earth as recorded in rocks.

GIS Post-Assessment

YET Program GIS post-test

Name: _____

Grade: _____

School: _____

Age: _____

Date: _____

Math and Science Knowledge

Directions: *Carefully read the following questions and indicate which answer you believe is most accurate.*

- ___11. What does GIS stand for?
- Geospatial Involvement System
 - Global Interactive System.
 - Great Intelligent System.
 - Geographic Information System
- ___12. What is GIS?
- A hand held device that locates your exact position.
 - A computer program that creates maps with geographical information.
 - A website where you can see an aerial photo of your house.
 - A government agency that tracts satellite usage within the United States.
- ___13. What is a legend on a map?
- A place on the map that has more that 150,000 people living there.
 - A place on the map that shows you which direction the map is oriented.
 - A place on the map that tells you what each symbol stands for.
 - A place on the map that tells you what the map is of.
- ___14. What is a layer in GIS?
- It is a technique for creating colorful maps in GIS.
 - It contains data about one specific variable used in GIS.
 - It is the process of gathering information to create a map in GIS.
 - It is a type of map that can be created using GIS.
- ___15. Out of this, list what is GIS not used for?
- Finding people that are lost.
 - Newspaper companies tract their customers.
 - Firefighters locate fire hydrants and fire escapes.
 - Farmers to figure out where to plant certain crops.

- ___16. What is a map scale?
- The outer edge of the map where the legend is located.
 - A system for measuring the weight of the map.
 - The relationship between measuring distance on a map and in real life.
 - The size of the map.
- ___17. What is the purpose of registration marks?
- They help you line up different layers on a map.
 - Marks used to identify roads on a map.
 - It is the code number used to identify the map.
 - The copyright symbol that protects the map from being copied.
- ___18. What is the planimetric view of a map?
- A map drawn in with 3 dimensional buildings.
 - A map drawn with north pointing to the top of the paper.
 - A map drawn of what the geography would look like from the road.
 - A map drawn at a specific scale so everything is the same scale.
- ___19. What is a theme?
- It is what you name the map you create in GIS.
 - It is the name of a theme.
 - It is the grouping of similar layers.
 - It is the method of combining 2 maps together.
- ___20. What is geology?
- The science that deals with climate change and weather.
 - The science that deals with planets and how they revolve around the sun.
 - The science that deals with the ancient art of map writing.
 - The science that deals with the history of the earth as recorded in rocks.