Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_

Zika Webquest

## Task

You will need to create a model either with paper or online either using google docs, slides or prezi with descriptions on the Zika virus and its history. Your model should include a description of each place the virus has spread to and a prediction of where the virus may spread next. This prediction should include when, how, and where the virus will spread to next.

Be prepared to present your prepared model communicating your findings for the task above.

Go to: <http://questgarden.com/189/21/9/160506121455/> and click on process at the far left to help you with your research for creating your model.

## Conclusion

When looking at the history of the Zika virus, we are able to make predictions on the future of the virus. Where will the virus spread next? When? How? Using the information that we already know, we can predict the future. Next time there is a virus that is spreading, we can use prior knowledge to predict the future of disease. Epidemiology is the study of epidemics. This is the type of studies that these people do for a living!

Here are a few links if you would like to learn more.

http://www.cdc.gov/EXCITE/epidemiology.html

http://www.cdc.gov/zika/

Grading

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Beginning**  **2** | **Developing**  **4** | **Qualified**  **6** | **Exemplary**  **8** | **Score** |
| **Description of Events** | Description of Events is not included. | Description of Events provides little or incorrect details. | Description of Events is well prepared with little mistakes. | Description of Events provides proficient knowledge of history with no mistakes. |  |
| **Design** | Little to no effort in designing a model. | Model is made with poor design choices. | Model is well prepared and meets expectations. | Creative design of model. Goes beyond expectations. |  |
| **Predictions** | No predictions present | Predictions made but with no explanation for prediction. | Prediction made with only one aspect of explanation. (When?How?Where?) | Prediction is made and provides all aspects of explanation. |  |
| **Presentation** | Presentation is not prepared. | Presentation provides little description of model. | Presentation provides description of most parts of the model. | Presentation provides descriptions of all parts of the model. |  |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_

Zika Virus in Florida

Go to: <http://questgarden.com/190/08/3/160701070021/>

Read the Introductory page and then click on Task on the far left hand side and read the information.

Then click on Process on the far left hand side and complete the following questions:

1. What is Zika virus?
2. How do I know I have Zika?
3. How can I prevent infection?
4. Can we eliminate the mosquito?
5. Can I transmit to others?
6. If you were a nurse what can you do to help prevent the spread and help others who are vulnerable?
7. What is one way on how a person could prevent themselves from contracting the Zika virus.

8. What could be a teaching plan or educational plan that could be used to educate patients

about Zika? If you were their care provider how would you educate patients about Zika?

What would you be your main points of emphasis? Be specific

9. What could be a method or way to evaluate that your patient has gained knowledge from your

educational plan? How could you check for understanding of what you taught them?

## 

## 

## Conclusion

Health care providers get looked to for a source of healthcare related information. The more healthcare providers stay informed of current topics the better they are able to teach others in a confident manner.

The Zika virus may be new to the United States however it has been an ongoing problem in other areas of the world. By using reputable sources we can become informed and pass that information along to others at a level they can understand.

Grading

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | **Beginning**  **1** | **Developing**  **2** | **Qualified**  **3** | **Exemplary**  **4** | **Score** |
| **Apply information on the Zika virus to create teaching plan** | Basic concepts are identified and explained partially. | Basic concepts are identified and explained fully and some complex concepts are identified.. | Basic and complex concepts are identified and explained fully. | Basic and complex concepts are identified and explained fully and relationships between concepts are discussed. |  |
| **Identify at least 1 learning objectives for the prevention of contracting the Zika virus** | No learning objectives identified. | One learning objectives identified. | One measurable learning objectives identified. | More than 1 measurable learning objectives are identified. |  |
| **Create a method to evaluate patient learning** | No method of evaluation identified. | Method of evaluation identified, but not implemented | Evaluation method identified and implemented. | Evaluation method identified and implemented. Relationship between evaluation tool and what it is measuring is explained. |  |