

Virus Model Build

Objective: To learn more about the structure of a virus through the completion of a student-built model. Students will then share their model with the class and discuss with their peers on Zoom..

Model Build:

Construct a model of a virus & virus process using materials that you find at home.

You must label the two major anatomical parts of the virus (capsid, genetic material).

You'll also want to show some type of viral process or interesting facts as discussed in class Zoom meeting and/or recorded lectures. For example, if you're discussing viral shapes, perhaps make models for all four shapes and label the shapes. What you choose to talk about is pretty much up to you, as long as you include the specific graded parts.

Your model must include an information card that stands up vertically, with information written about what virus process/virus information you want to demonstrate with the model. Information must be written neatly IN INK.

You will need a minimum of FOUR common, everyday materials you can find at home. There is absolutely NO NEED TO BUY ANYTHING.

Grading:

Model:

Four materials are used	+4
At most, three materials are used	+3
At most, two materials are used	+2
Only one material is used	+1

Both anatomical structures of the virus are labeled	+4
One part is labeled	+1
Not labeled	+0

Supplemental Information:

The information contained demonstrates a major fact you learned about viruses and ties into the big ideas about viruses	+5
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The information contained shows a lack of or partial understanding+2
of the big ideas about viruses, or little effort is shown

This portion of the project is not provided +0

Aesthetics:

The project is neat, clean, and demonstrates attention to detail +5

The project is not as described above +2

Presentation (during our scheduled Zoom meeting):

All structures are explained +5

One structure is not explained +3

Two or more structures are not explained +0

Poise/professionalism +5

Total Points Available: _____/+28

DUE DATE: Sunday, 4/12/2020 by 11:59pm

*****Please send a picture of your completed model by this time, so I know that you've finished*****

*****We will discuss our models as a class over the Zoom meeting on Tuesday, 4/19/2020***