

SCIENCE AGENDA March 4th - 8th

Content Standard: MS-LS1-1 Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells.

MS-LS1-2 Develop and use a model to describe the function of a cell as a whole and ways the parts of cells contribute to the function.

| DATE | FOCUS QUESTION | IN CLASS WORK (Performance Task) | SUCCESS CRITERIA |
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| Monday March 4th | FOCUS QUESTION How do you determine whether an object is living or non-living? | <ul style="list-style-type: none"> • Students will receive their graded test on Thermal Energy and make test corrections. • Students will watch a short video: phenomena and explain what's happening in the video. | HW: None Students will be able to explain how to distinguish a living from a non-living object. |
| Tuesday March 5th | FOCUS QUESTION What is cell theory? | <ul style="list-style-type: none"> • Students will read the Martian Car Activity and list reasons a martian would think that a car is alive and not alive. • Students will read the Cell Theory Daily News and highlight the three parts of the cell theory. | HW: None Students will be able to describe the difference between a single celled and multicellular organism. |
| Wednesday March 6th | FOCUS QUESTION What is the difference between a single cell and multicellular organism? | <ul style="list-style-type: none"> • Students will watch a video on the Cell Theory. • Students will receive a bunch of pictures of organisms and ask to sort them into single and multicellular organisms. | HW: None Students will be able to determine if an organism is multicellular or unicellular. |
| Thursday March 7th | FOCUS QUESTION How can microscopes help us learn more about cells? | <ul style="list-style-type: none"> • Students will learn how to use a microscope. • Students will determine if the object they are looking at under the microscope is living or nonliving and draw a picture of it. | HW: None Students will be able to use a microscope and draw some living and nonliving things. |
| Friday March 8th | FOCUS QUESTION How did technology change our views of cells? | <ul style="list-style-type: none"> • Students will watch a short video on how microscopes have changed through the years and help shape our understanding of cells. | HW: None I can explain how as technology improved, scientist were able to see more detailed parts of living things called cells. |