# Tuesday, April 23, 2019

**Write In Your Agenda:**

CW:

- Carrying Capacity/Predator-Prey Investigation Worksheet.
- Graphing the Predator-Prey Relationship Worksheet.
- Finish and hand in "Oh Deer!" Limiting Factor Activity.
- Earth Day Online Games.

HW:

- Fill out Monitoring log for today!

**Write In Your Monitoring Log:**

## Warm-Up Prompt:

Write the 2 formats for problems in the Scientific Method.

You will need:

- Pencil.
- Agenda.
- Monitoring Log.

# Learning Goal and Scale

- *TSW be able to describe how populations fluctuate within their environment (depending on energy transfer, biological accumulation, limiting factors, predator-prey relationships, and carrying capacity).*

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| **4** | In addition to score 3, the student can help teach or mentor his/her peers and apply his/her knowledge to real world scenarios. |
| **3**  | TSW be able to describe and graphically represent how populations of organisms fluctuate within their environment depending upon all of the following:<br>o Energy Transfer<br>o Biological Accumulation<br>o Limiting factors<br>o Predator-prey relationships<br>o Carrying capacity |
| **2** | TSW be able to describe how populations of organisms fluctuate within their environment (depending upon 2 of the 3 following elements).<br>o Energy Transfer<br>o Biological Accumulation<br>o Limiting factors<br>o Predator-prey relationships<br>o Carrying capacity |
| **1** | TSW be able to describe how populations of organisms fluctuate within their environment (depending upon 1 of the 3 elements).<br>o Energy Transfer<br>o Biological Accumulation<br>o Limiting factors<br>o Predator-prey relationships<br>o Carrying capacity |
| **0** | Even with help, the student experiences no success. |