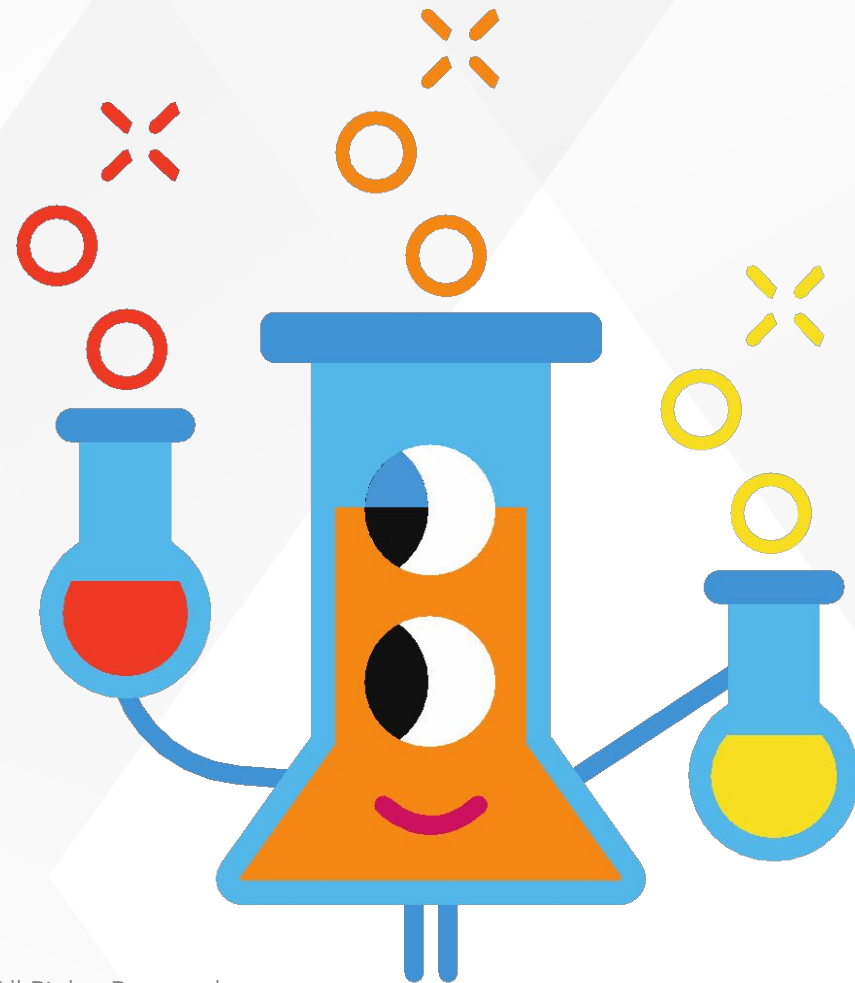


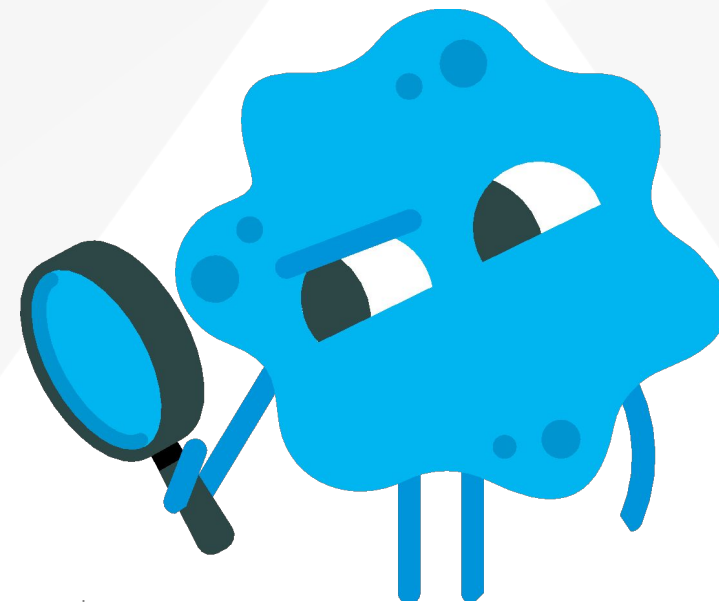
Phenomenon

Describe the phenomenon you are investigating or explaining.



Claim

Write a statement about the phenomenon that you will support with evidence and reasoning.



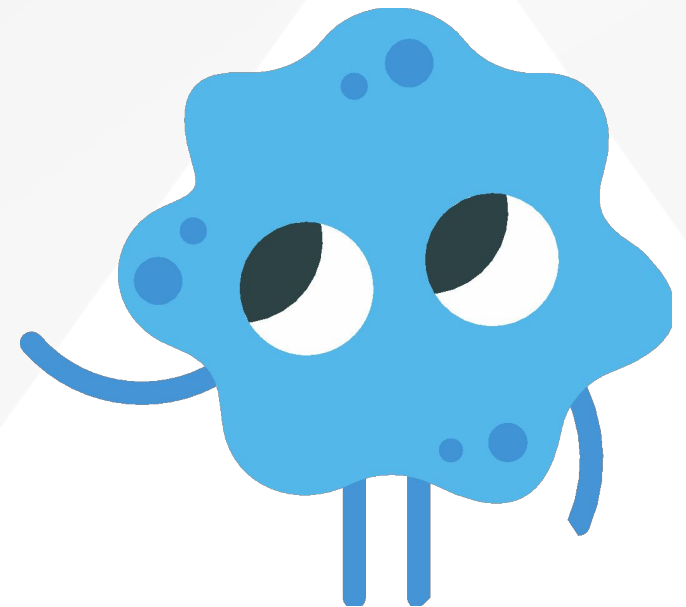
Evidence

Present the facts and data that help support your claim.



Reasoning

Construct an explanation using core science ideas on how your evidence supports your claim.



Claim, Evidence, Reasoning

Use these sentence starters to help your students complete the CER Organizer.

Claim

- The effect of _____ on _____ is _____.
- I observed that _____ when _____.
- I noticed that _____ happens when _____.
- I compared _____ and _____.
- I predict that _____.

Evidence

- The evidence I have is _____.
- The evidence I gathered is in the (*chart/ table/ graph*) below:
- The scientific data I collected is _____.
- The evidence that I have collected is _____.

Reasoning

- Based on the evidence, I conclude _____ because _____.
- From this evidence, the most logical conclusion is that _____ because _____.
- The data work together to build a case that _____, _____, _____, and _____ are all indicators of _____.
- Since _____, I believe that means _____.
- All of this proves that _____ because _____.

