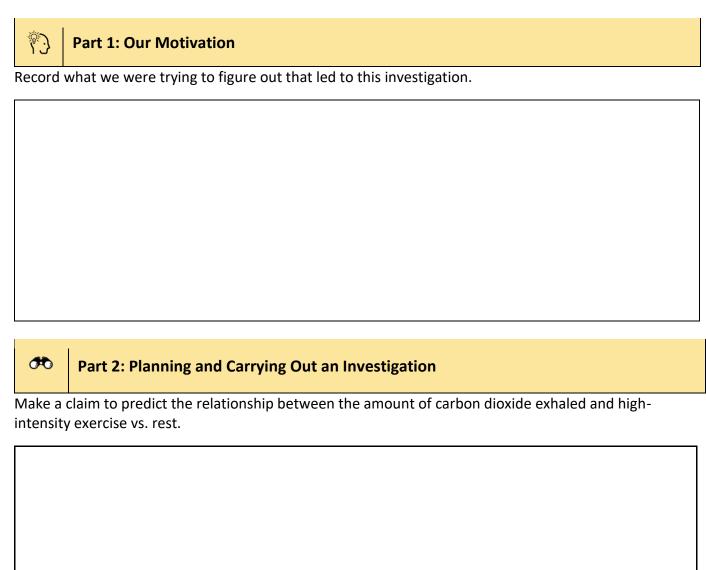
STUDENT GUIDEEXPLORE 1B LESSON 17





Plan an investigation to test your claim. Use the Lesson 17 Experiment Design Tips handout as a supplement to help you design your investigation.

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| Bromothymol Blue Indicator | 2 transparent cups or flasks | Straws | Timer (accuracy to seconds) | |
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| After you have created your first draft of your experimental design, reflect on how well you think it | | | | |

meets the goals of the investigation:

- Will your investigation be able to fully evaluate the claim you made?
- Did you eliminate all confounding variables? What other confounding variables may be present that you did not consider?

| nvestigation and that you are eliminating confounding variables. | | | | | |
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| alyze the data you have collected. Does this data support the claim you made in Part 1? port your answer with evidence from the data that you gathered. |
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| prepared to share the claims you made and the evidence you used to support your claim with your ers. Record similarities and differences in your findings below. |
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Part 3: Constructing Explanations

| se the findings from your investigation to construct an explanation to the Module Questions, Why are here so many changes to my body during exercise? How does milk help with recovery from these hanges? |
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