

The Heat is on: Cause and Effect and Climate

01

Read page A1 (first page) of the Solutionville Inquirer newspaper article [“Things Are Heating Up in Solutionville.”](#)

02

Draw a [fishbone diagram](#) with your own hypotheses about what could be the cause of the temperature rise in Solutionville and around the globe.

03

Option to complete individually or via video/audio chat with a small group.

Group:

- Choose one of the hypotheses (#1, 2, or 3) from pages A2-A4 of [the article](#) to read individually (make sure each person in your group reads a different hypothesis).
- Take turns explaining the hypothesis you read to your group, and answer any questions they have.

Individual:

- Read all three hypotheses and compare and contrast their ideas

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04

As a group or on your own, decide if you think any of the arguments presented in the three different hypotheses are valid. Write down your thoughts about the following questions:

- Do you think any of these residents have identified the correct cause, or at least a plausible one?
- What criteria did you use to make your decision?
- What is “evidence,” and what makes good evidence?
- Do you think you need any other information to make your decision?
- If things seem to vary or change in a similar way, does that mean one causes the other? Why or why not?

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