Connecting Our Investigations to Our Communities and Families through Our "Should We" Questions

Connecting back to the "Should We: question

You have now done some **field-based investigations**, talked to some members of your **community**, and done some **research** about what people already know. In LE8, you found patterns in your data. Your research may have helped you explain some of those patterns.

At this point in scientific investigations, scientists reflect **on what they've learned** and **decide what to do next**. This LE will help you reflect on what you've learned and will help you decide if you want to do another investigation or if you're ready to move on to LE10 and take some action in your community around your "Should We" question.

The chart below will help you review all that you've learned so far. You have your own "Should We" question that you've been exploring. As a family, try to figure out what you have found out and what else you need to investigate in order to either answer or keep exploring your "Should We" question.

1. **Investigation question we asked:** What field-based investigation question did we ask when we collected our data?	
2. **Patterns we found in the field-based data:** What patterns did we find?	
3. **Community-based research:** What did the community-members help us know about?	
4. **Research we did to find out what information already exists to explain our patterns:** What patterns did we find from this?	
Look across the patterns that you found in your data: ● Are they all telling you the same thing, or do some of your data contradict each other? ● What do the data tell you about your decision around your "Should We" question? ● What do you need to know more about?	
5. **Reflect on a possible decision**: What should we do now?	Return to your model and add to it! (go to LE9.B to revise your initial model)
6. **What else do we want to know?** Are there other investigations we should do to find out more?	● Choose another investigation from LE7 to do to keep exploring your "Should We" question!

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