<table>
<thead>
<tr>
<th>How we figure things out</th>
<th>Symbol</th>
<th>How we communicate</th>
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</table>
| 1. Ask why and how questions | ![Question Mark] | How come ...?  
I wonder ....  
Why ...?  
How do they know that ...? |
| 2. Observe | ![Eye and Magnifying Glass] | I see ....  
I noticed ....  
I recorded ....  
I measured .... |
| 3. Organize data and observations | ![Bar Graph] | I see a pattern ....  
I think we could make a graph ....  
Let’s make a chart .... |
| 4. Think of an idea, claim, prediction, or model to explain your data and observations | ![Light Bulb] | My idea is ....  
I think that ....  
We could draw a picture to show ....  
I think it looks like this .... |
| 5. Give evidence for your idea or claim | ![Magnifying Glass] | My evidence is ....  
The reason I think that is ....  
I think it’s true because .... |
| 6. Reason from evidence or models to explain your data and observations | ![People and Chart] | The reason I think my evidence supports my claim is because ....  
The model shows that .... |

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| 7. Listen to others’ ideas and ask clarifying questions      | ![ear symbol] | Are you saying that ...?  
What do you mean when you say ...?  
What is your evidence?  
Can you say more about ...? |
| 8. Agree or disagree with others’ ideas                      | ![lightbulb and speech bubble symbols] | I agree with _____ because...  
I agree with you, but I also think...  
I disagree with _____ because...  
I know where you are coming from, but I have a different idea...  
I am thinking about it differently... |
| 9. Add onto someone else’s idea                              | ![plus symbol] | I want to piggyback on April’s idea.  
I want to add to what Jeremiah said. |
| 10. Search for new ideas from other sources                  | ![mobile and book symbols] | We could get some new ideas from ... |
| 11. Consider if new ideas make sense                         | ![lightbulb symbol with people icons] | That idea makes sense to me because ....  
That idea doesn’t make sense because ....  
What’s their evidence? |
| 12. Suggest an experiment or activity to get more evidence or to answer a new question | ![magnifying glass and beaker symbols] | What if we ...?  
We could get better evidence if we ...? |
| 13. Let your ideas change and grow                           | ![gear symbol] | I think I’m changing my idea.  
I have something to add to my idea. |

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