Four Discussion Types

<table>
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<th>Type</th>
<th>Purpose</th>
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| **Elicitation Discussion** | Prior to instruction or at the beginning of a new unit:  
  Uncover students’ prior knowledge and experience  
  Increase students’ awareness of their own relevant ideas and experiences  
  Expand and broaden ideas by listening to others |
| **Data Discussion**     | After data collection:  
  Connect the investigation question with data  
  Grapple with discrepant or anomalous data  
  Identify data that can serve as evidence to support a claim  
  Link data to a representation |
| **Explanation Discussion** | Building on data analysis  
  Point to evidence and explain the reason(s) it justifies or supports a claim  
  Describe a scientific principle or reasoning that explains the findings |
| **Consolidation Discussion** | At the wrap-up of an investigation or when connecting to the one that follows  
  Ensure that everyone can describe what they did, why they did it, and what they found out  
  Replicate what a class did in words, including giving a rationale for their methods and describing their findings |