

## Four Discussion Types

Type	Purpose
<b>Elicitation Discussion</b>	<p>Prior to instruction or at the beginning of a new unit:</p> <ul style="list-style-type: none"><li>Uncover students' prior knowledge and experience</li><li>Increase students' awareness of their own relevant ideas and experiences</li><li>Expand and broaden ideas by listening to others</li></ul>
<b>Data Discussion</b>	<p>After data collection:</p> <ul style="list-style-type: none"><li>Connect the investigation question with data</li><li>Grapple with discrepant or anomalous data</li><li>Identify data that can serve as evidence to support a claim</li><li>Link data to a representation</li></ul>
<b>Explanation Discussion</b>	<p>Building on data analysis</p> <ul style="list-style-type: none"><li>Point to evidence and explain the reason(s) it justifies or supports a claim</li><li>Describe a scientific principle or reasoning that explains the findings</li></ul>
<b>Consolidation Discussion</b>	<p>At the wrap-up of an investigation or when connecting to the one that follows</p> <ul style="list-style-type: none"><li>Ensure that everyone can describe what they did, why they did it, and what they found out</li><li>Replicate what a class did in words, including giving a rationale for their methods and describing their findings</li></ul>