

# Data Analysis Template

<p style="text-align: center;"><b>Hunches/hypotheses</b></p> <p>What do you think the data will show? Use starters like: I assume... I predict... I wonder... My questions/ expectations are influenced by... Some possibilities for learning that these data may present...</p>	<p style="text-align: center;"><b>Observations</b></p> <p>Engage with the actual data and note only the facts that you see in the data. Reflect and record privately before you share your observations. Remember: just the facts. If you catch yourself using: because...therefore...it seems... however...STOP! Instead use starters like: I observe that... Some patterns/trends that I notice... I can count... I'm surprised that...  <u>For Item Analysis Data:</u> The skills that students needed to answer this question successfully are...The concept this question is addressing is.... The distracter is... in relation to the correct answer</p>	<p style="text-align: center;"><b>Inferences</b></p> <p>Generate multiple explanations for your Phase II observations and identify additional data that may be needed to confirm/contradict your explanations and propose solutions/responses. Reflect and record privately before sharing. Use starters like: I believe the data suggests... Additional data that would help me confirm/contradict... I think a solution or response might be...  <u>For Item Analysis Data:</u> What students might have been thinking about the distracter is...</p>