

I.N.Q.U.I.R.E. Protocol for Phenomena

Initiate with Observation

Start by sharing a phenomenon with students. Instruct them to observe silently for one minute.

Ask students to describe what they see without making any inferences. This step is purely about noting observable details.

Example Questions: What do you notice? What objects, colors, or patterns do you see?

Note Inferences

Encourage students to explain what is happening.

Example Prompt: Write a statement explaining what is happening.

Question Curiously

Guide students to formulate questions about the phenomenon that reflect their curiosity and any aspects they find puzzling or want to learn more about.

Example Questions: What questions do you have? What do you wonder about the people, places, or events depicted?

Understand Connections

Ask students to connect the phenomenon to their own experiences, knowledge, or other content they have learned.

Example Questions: Does this remind you of anything? Can you make any connections to what we have studied or your own life?

Investigate Further

Encourage students to speculate about aspects of the phenomenon that go beyond the visible details.

Example Questions: What do you think may have led to this situation? What might happen next?

Reflect and Summarize

Have students reflect on their observations, inferences, questions, connections, and speculations. Summarize their thoughts to consolidate learning.

Example Activity: Write a summary of what you learned from the phenomenon and how it relates to our current topic.

Engage in Discussion

Facilitate a group discussion where students share their insights and learn from each other's perspectives.

Example Questions: What new ideas or understandings did you gain from this activity? How did your peers' observations and inferences influence your thinking?