

# TSI Inquiry Phases

## Instruction

### Interpretation

*Evaluate **Results**:* researchers draw conclusions about the workability or success of testing

*Evaluate **Conclusions**:* community evaluates the conclusions of the research, discussion of alternative explanations and addition info

### Initiation

*Originate **Interest*** that results in a problematic focus

*Develop a **Focus*** for Inquiry: a **question**, problem, or need

### Investigation

*Carry Out a **Test (experiment)*** according to design in the invention phase

*Carry Out an **Analysis*** according to the design in the invention phase

### Invention

*Create a **Testable Resolution (hypothesis)*** of the question, problem, or need

*Create a **Test Design (experimental method)*** or way to determine the workability or the degree of success of the resolution.

*Communicate* concepts, methods, and connections within student community as well as to the larger public for both validation and sharing of knowledge.

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