

Lesson Planning Template
Cohort 5 Literacy Initiative Participants

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Grade Band 4/5

Grade Level Expectation: EALR: 1: Systems: Component 1:1
Student understands how properties are used to identify, describe, and categorize substances, materials, and objects

Principles of Learning to be addressed:

- Engaging lessons increase attention
- Brain is wired to seek patterns, make order
- Understanding is supported by frameworks
- Analogous thinking supports content knowledge

Topic being Explored:

- Observation and Inference
- Black Boxes, from Models and Designs Science Unit Grade 4/5

Professional Resources Referenced:

- Writing as Learning E. Rothstein/G. Lauber
- Teaching with the Brain in Mind Jensens

Cognitive Skills:

- Observing
- Inferring
- Describing

Instructional Materials Used:

- Bubble Maps
- Observation and Inference Frames
- Holey Board Frames—a file folder with a small hole cut in it to reveal a small part of a larger picture in order to give a clue to the subject of the picture.