

Strategies* – Thinking Routines

Thinking Routines

- are simple patterns of thinking that can be used over and over again and folded easily into learning in any subject area. Some examples of Thinking Routines include:

KWL

1. What do you Know?
2. What do you Want to know?
3. What did you Learn?

See-Think-Wonder

1. What do you see?
2. What do you think about that?
3. What does it make you wonder?

Claim-Support-Question

1. Make a claim about the topic.
2. Identify support for your claim.
3. Ask a question related to your claim.

(adapted from: Ron Ritchhart, Patricia Palmer, Mark Church, and Shari Tishman, *Thinking Routines: Establishing Patterns of Thinking in the Classroom*, AERA Conference Paper, April 2006.)

Think-Puzzle-Explore

- 1.What do you think you know about the topic?
- 2.What question or puzzles do you have?
- 3.What does the topic make you want to explore?

Perceive-Know-Care About

- 1.What can the person/thing perceive?
- 2.What might the person/thing know about?
- 3.What might the person/thing care about?

* Category of Instructional Strategy - Questions, Cues and Advance Organizers. Strategies may relate to more than one instructional strategy category.

* Marzano, R., Pickering, D., & Pollock, J. (2001) *Classroom Instruction that Works: Research-Based Strategies for Increasing Student Achievement*. Alexandria, Virginia: ASCD.