Small Group Activity for InTeGrate Metacognition Webinar

Review the following activities (these are taken directly from InTeGrate modules and courses that have been reviewed) and answer the following questions for each item. Get through as many as you can, you may start anywhere in the list.

1. Is this a class-level, unit-level and/or course-level activity?
2. What are the metacognitive aspects of this activity? (e.g. how, and in what ways, does this activity help your students?) List as many as you can.
3. What might you do to improve this activity or make it more relevant for YOUR course/module?

**Item 1**: For the last question of an exam, ask students to describe how prepared they feel/felt for the test, how they studied, what they did to prepare, how long they spent studying, etc. After they receive their graded exam, ask them to respond to their initial ideas and what (if anything) they might change in their study behavior for a future exam. Have them write these responses down and turn them in. Discuss as a class, and remind them of those key study ideas prior to the next exam.

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**Item 2**: At the end of class, initiate a 5-minute period for student reflection (this may be done as homework or at the beginning of the next class if there is not enough time) based on the following scenario: After learning about the concept of 'feedback' in earth systems, ask students to 'think-pair-share' to come up with their own example of a feedback (any process is fine). Have students write down a list of factors that affect climate change and share their lists with a partner. Before debriefing, ask them to compare their lists to what they knew about feedback in natural systems: what do they know now that they may not have known before?

1. Class-level, unit-level and/or course-level?
2. What are the metacognitive aspects of this activity?
3. Improvements? How to make this more relevant for your course/module?