INSTRUCTIONAL STRATEGIES

Strategy Harvest

Allows learners to first work independently to solve a problem before analyzing and comparing their strategy to others'.

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STRATEGY HARVEST

Summary

Each learner solves a problem solving task then shares their strategy and process with a partner. After sharing with a few partners, volunteers can then share some of their partners' strategies with the rest of the class. Importantly, students are learning how to demonstrate their learning by articulating their thought process and synthesizing others'.

Procedure

1. Provide learners with the attached **Strategy Harvest** template.
2. Present a problem solving task to learners.
3. Have learners record their thought process or strategy for solving the problem as well as the pros and cons of their approach in the first row of their handout.
4. Have learners find a partner and have them record their partner's strategy in the second row.
5. Have learners repeat Step 4 with a new partner.
6. As learners are working, remind them to listen, ask questions, and provide feedback all while taking notes about their partner's strategy.
7. Have learners return to their seats and fill in the pro/con column for each of their partner's strategies.
8. Optional: Ask for volunteers to share a partner's strategy with the group.
9. Have learners complete the final reflective question about improving their strategy to the problem solving task.

Keeley, P., & Tobey, C. R. (2011). #51. strategy harvest. Mathematics Formative Assessment: 75 Practical Strategies for Linking Assessment, Instruction, and Learning (pp. 171-173). Thousand Oaks, CA: Corwin. SAGE.