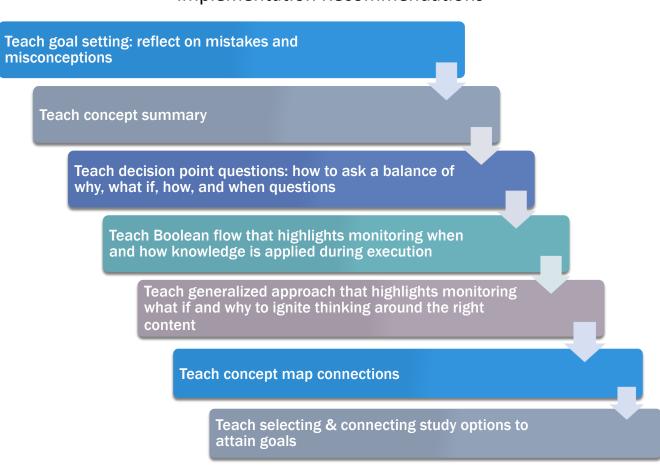


## **Study Options**

- Concept Summaries: Definitions, visuals, purpose written in own words & more efficient way
- Generalized Approach: Information needed to think about & consider <u>before</u> deciding how to execute ("~ 4 ideas")
- **Boolean Flow**: Organized information in "if/then" format needed when thinking through how to execute different problems within a topic. Flow includes monitoring questions.
- "Game walk-through": Start with solved problem, annotate, then categorize into ACE-M (application) or A-E-M (skills).
- Concept Map: Connects definitions, visuals, purpose (concept summaries) with generalized approaches, Boolean flows & makes <u>unique connections</u> across topics (supports flexible thinking and innovation). Monitoring questions inserted that reflect a balance of procedure and reasoning integrated throughout.
- Think Aloud: Educreations: record thinking while doing during first attempt, then listen to analyze where to focus: generalized approach or Boolean flow.
- Teach a Peer/Critique a Peer's work: Listen to thinking, find where student understands and start explaining the "why" behind the procedure. Have peer teach you back to ensure understanding.

## Implementation Recommendations





## Student Evidence

