

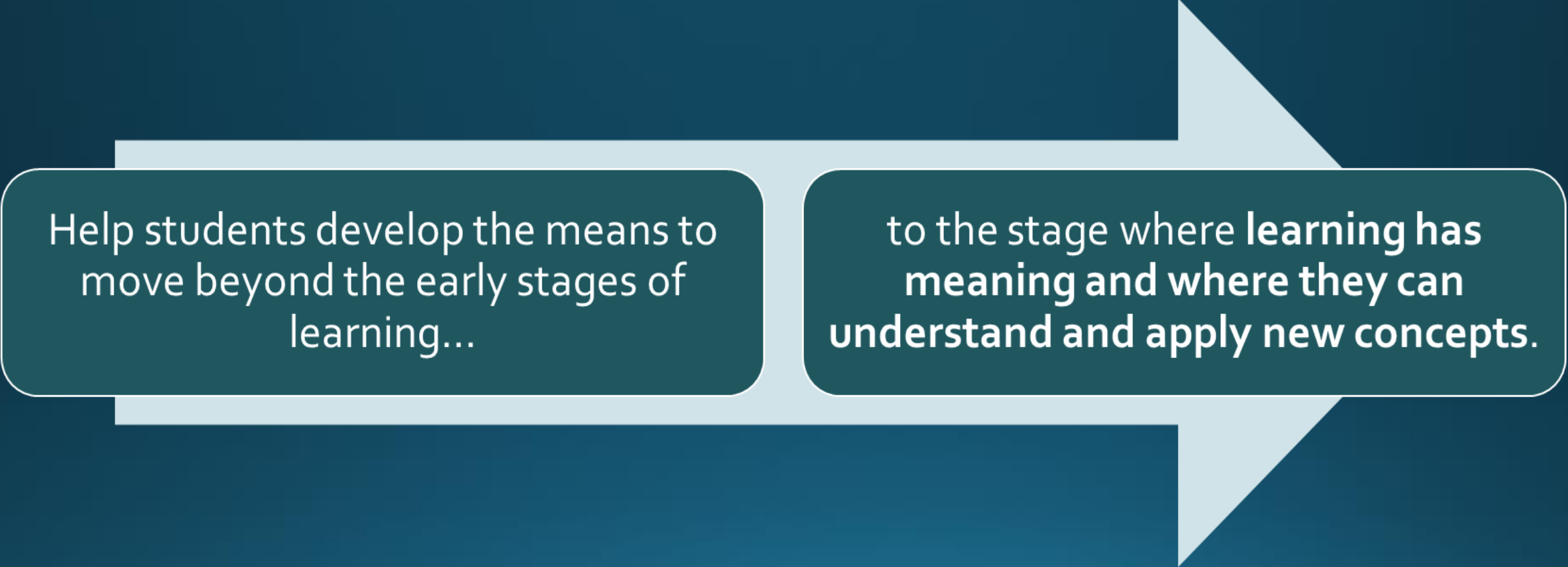
Cognitive Presence

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What is “cognitive presence”?

“The extent to which learners are able to construct and confirm meaning through sustained reflection and discourse in a critical community of inquiry.”

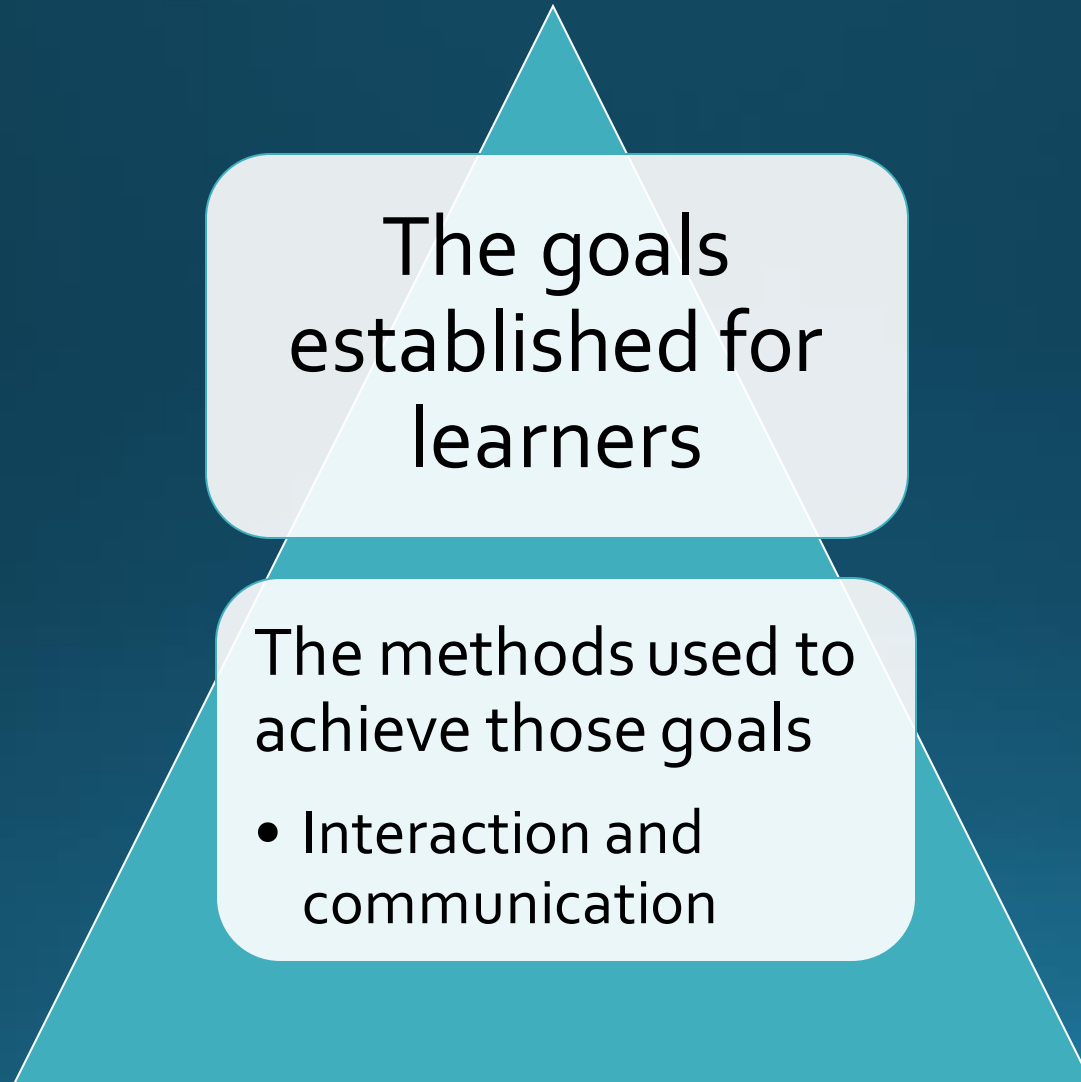
(Garrison, Anderson, & Archer, 2001)



Help students develop the means to
move beyond the early stages of
learning...

to the stage where **learning has
meaning and where they can
understand and apply new concepts.**

Key Elements of Cognitive Presence



The Goal



Cognitive Presence Indicators

Triggering Event (sense of puzzlement)

- Focus on a problem, issue, dilemma, event, challenge, learning task.
- Ask probing questions.

Cognitive Presence Indicators

Exploration (information exchange)

- Seek clarification, more evidence.
- Ask students to take on various viewpoints.
- Ask questions that explore ideas or perspectives that have not yet emerged.

Cognitive Presence Indicators

Integration (connecting ideas)

- Focus on relationships or connections.
- Ask questions seeking to test tentative solutions.

Cognitive Presence Indicators

Resolution (applying new ideas)

- Seek solutions, synthesis, and verification.
- Have students appraise their solutions/responses based on evidence.
- Ask students to create, present, and defend project work or case studies.

Cognitive Presence

Lower Levels

- Triggering Event
- Exploration

Higher Levels

- Integration
- Resolution