

OVERVIEW: How to Help Your Students Become Better Critical Thinkers

Live webinar Thursday, July 30, 2020

1

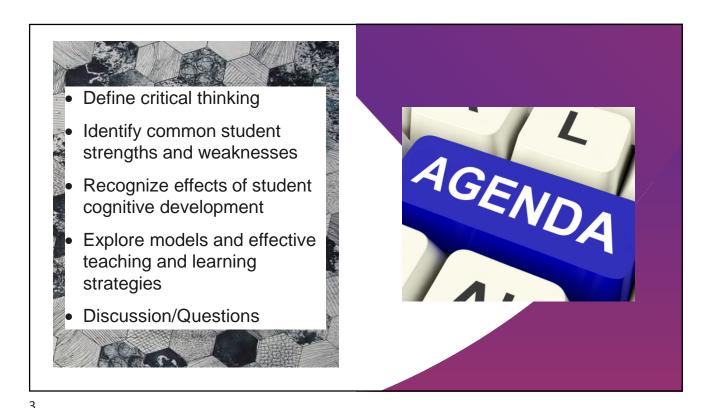
Today's speakers



Susan K. Wolcott, PhD, CPA, CMA Independent Scholar Wolcott Lynch



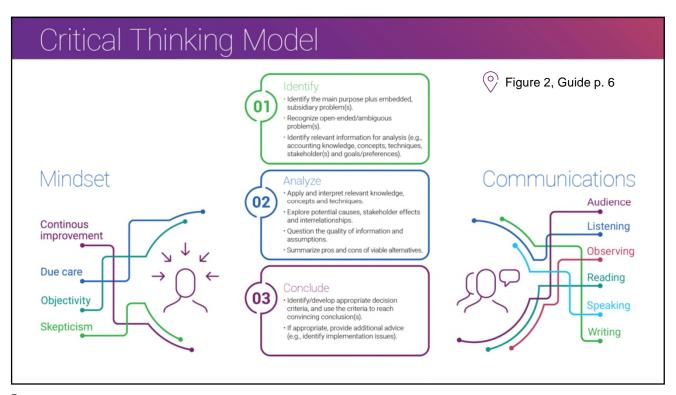
Steve Matzke
Director, Faculty & University
Initiatives
AICPA

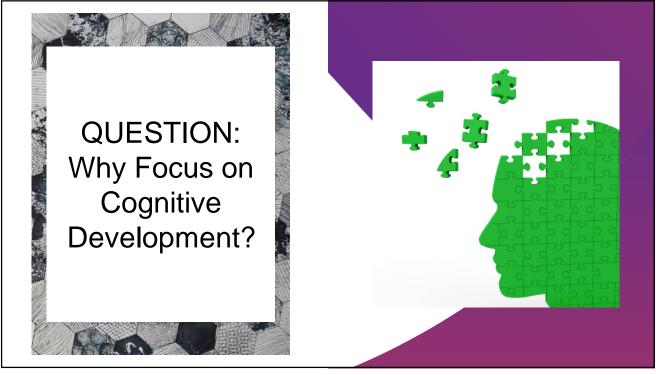


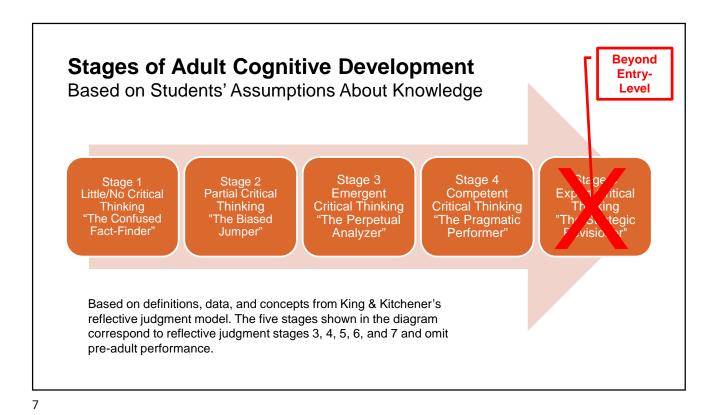
One Way to Identify
Critical Thinking
Objectives:
Pathways Vision
Model

Source: https://linktr.ee/AICPA

Л







Excerpts adapted from Figure 4, Guide p. 9

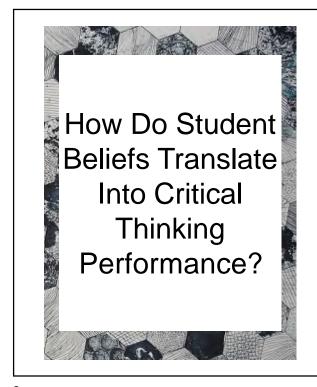
KEY Beliefs That Hinder Progress to Next Stage

Stage 1: Confused Fact-Finder

Stage 2: Biased Jumper Stage 3: Perpetual Analyzer Stage 4: Pragmatic Performer

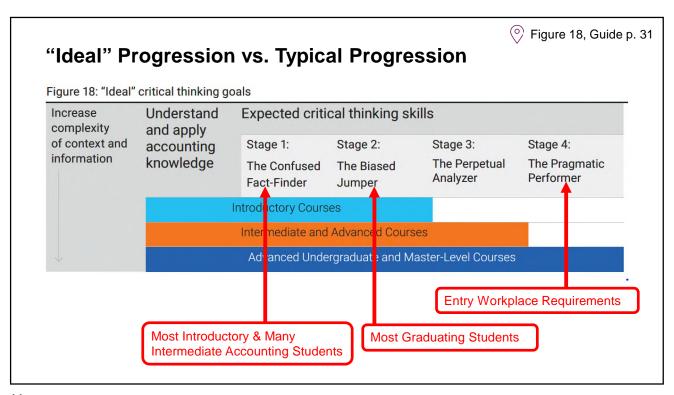
- All problems are "black and white"
- The student's job is to find the correct answer as provided by experts
- Open-ended problems cannot be solved by anyone, including "experts"
- It is sufficient to generate arguments to support one's own position
- Supporting one conclusion denies the legitimacy of other valid viewpoints
- Open-ended problems can be solved tentatively and pragmatically based on available information
- No generalized principles or procedures exist for further investigation/ improvement

At Each Stage: Students will not develop higher-stage critical thinking skills until beliefs change

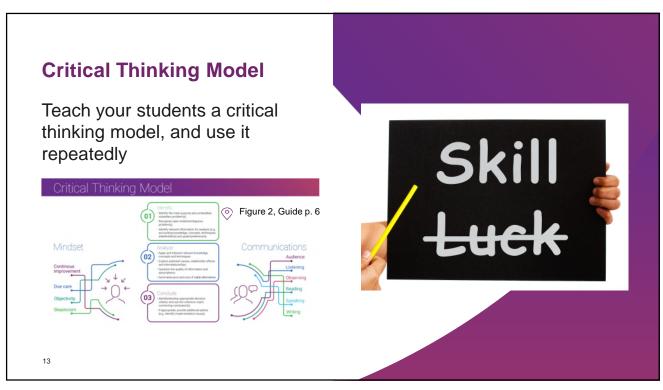


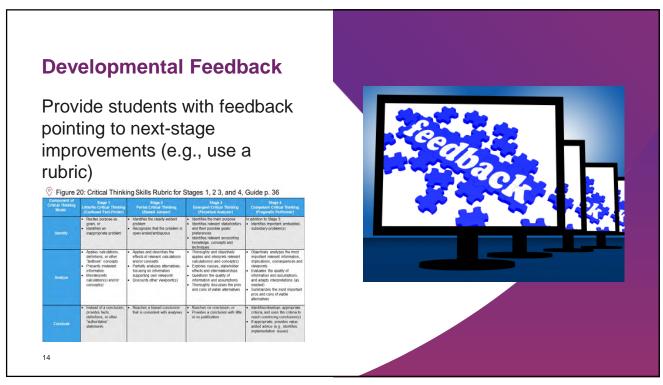


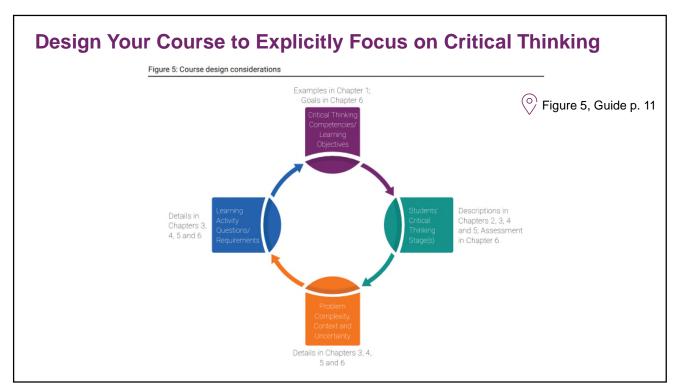
Component of Critical Thinking Model	Stage 1 Little/No Critical Thinking (Confused Fact-Finder)	Stage 2 Partial Critical Thinking (Biased Jumper)	Stage 3 Emergent Critical Thinking (Perpetual Analyzer)	Stage 4 Competent Critical Thinking (Pragmatic Performer)
Identify	Recites purpose as given, or Identifies an inappropriate problem	Identifies the clearly-evident problem Recognizes that the problem is open-ended/ambiguous	Identifies the main purpose Identifies relevant stakeholders and their possible goals/ preferences Identifies relevant accounting knowledge, concepts and techniques	In addition to Stage 3: Identifies important embedded subsidiary problem(s)
Analyze	Applies calculations, definitions, or other "textbook" concepts Presents irrelevant information Misinterprets calculation(s) and/or concept(s)	Applies and describes the effects of relevant calculations and/or concepts Partially analyzes alternatives, focusing on information supporting own viewpoint Discounts other viewpoint(s)	Thoroughly and objectively applies and interprets relevant calculation(s) and concept(s) Explores causes, stakeholder effects and interrelationships Questions the quality of information and assumptions Thoroughly discusses the pros and cons of viable alternatives	Objectively analyzes the most important relevant information, implications, consequences an viewpoints Evaluates the quality of information and assumptions, and adapts interpretations (as needed) Summarizes the most important pros and cons of viable alternatives
Conclude	Instead of a conclusion, provides facts, definitions, or other "authoritative" statements	Reaches a biased conclusion that is consistent with analyses	Reaches no conclusion, or Provides a conclusion with little or no justification	Identifies/develops appropriate criteria, and uses the criteria to reach convincing conclusion(s) If appropriate, provides value-added advice (e.g., identifies implementation issues)

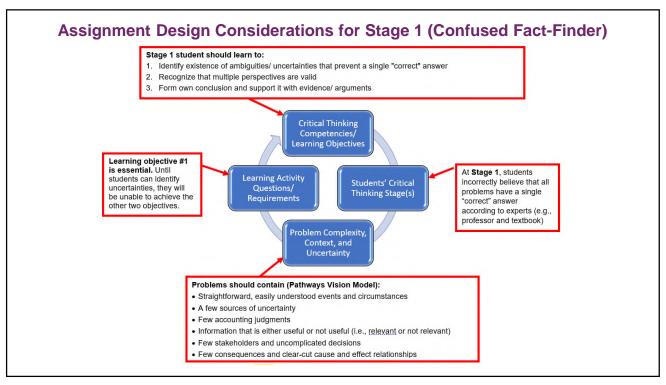






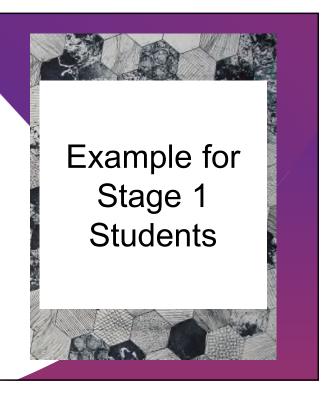




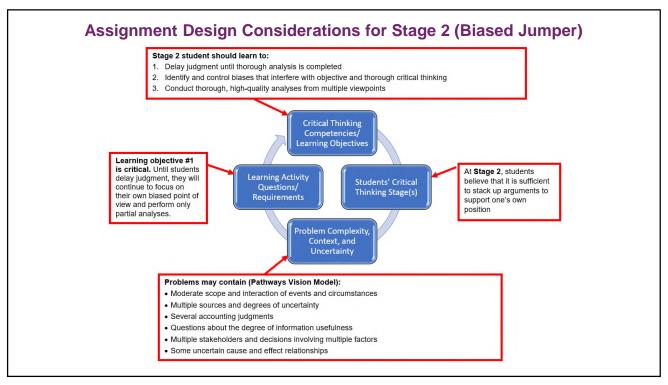


Homework, group discussion and/or exam

- Ask students to explain why some aspect of a situation is uncertain
- Such as:
 - Collectability of accounts receivable
 - Forecast of costs



17

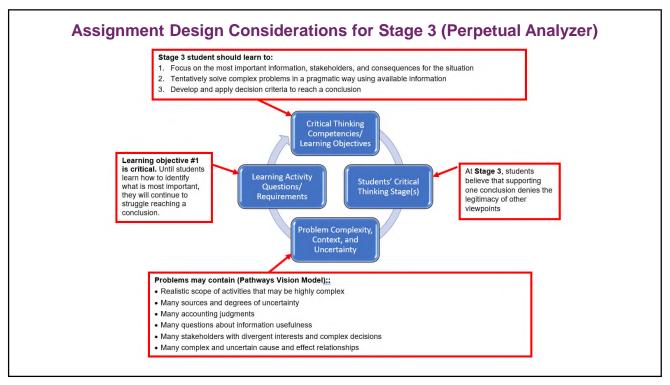


Graded homework and/or exam • Place significant grade weight on thoroughness of analysis • Place little grade weight on

existence of conclusion

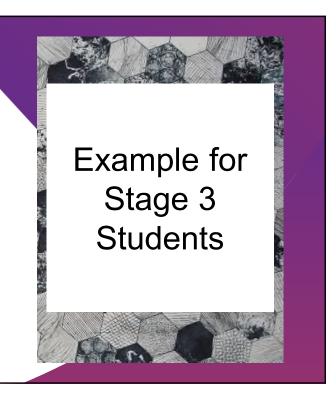
Example for Stage 2 Students

19



Homework, group discussion, and/or exam

- Ask students to:
 - Identify the most important factors for the situation
 - Use important factors to create and apply decision criteria



21

Resources: https://linktr.ee/AICPA

Email Susan: swolcott@WolcottLynch.com



