















How can we open the course to more students – especially nontraditional AP students – AND position students for success?









Students are not unable to learn.

Instead: Students have specific cognitive needs.

- Students fail to remember because of low retrieval power.
- Students fails to understand because they are novice readers and thinkers; they lack prior knowledge of underlying structures of text.
- Students fails to transfer knowledge because they lack cognitive flexibility.

- 14

Three Approaches



15

3 Approaches from Cognitive Science

Plan recursively.

Learn – Forget – Recall – Relearn – Apply

Insist on radical responsibility for core concepts & non-negotiables.

"Master" the basic terms/concepts. Memorization allows manipulation, analysis, synthesis. Non-negotiables builds an **intrinsic value of work**.

Teach retrieval practice for reading comprehension.

Read chunk – look away – recall – jot down – repeat

16

Three
Solutions
from
Learning
Science



Direct Instruction

Teach/explain + apply.

- How to read an AP prompt
- How to analyze audience
- How to write a thesis statement



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