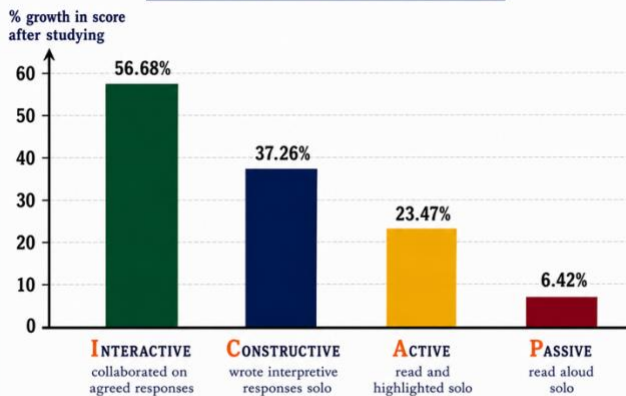


You might learn more by *creating* knowledge with others.
(Insight comes when we build ideas together, not when you passively hope they just sink in.)

THE SCIENCE OF LEARNING

The ICAP Framework



Joint idea creation is by far the most effective way to study.

Passive, solitary exposure to information is less effective than active, solitary engagement, but *making something* is more effective than either, especially when the act of making is collaborative.

Menekse, et al., 2013 • Chi, 2009

AI PROMPTS YOU CAN USE TODAY

Use these as templates and modify them to fit your situation.

1

Teach It Back.

Pretend you're a peer who doesn't understand this concept and that I have to teach it to you. Ask questions when my explanation is unclear and request examples when needed. Afterward, evaluate how well I understand the concept and identify any gaps in my understanding.

2

Build as Partners.

Pretend you're a peer and we need to agree on an answer to this question. Ask for my ideas first. Challenge weak reasoning, disagree when appropriate, and require evidence before changing your mind. After we reach an answer, evaluate my understanding of the topic.

3

Plan a Study Group.

Four of us are studying together today. Give us a plan for our group time that requires us to collaborate on creating a study guide, outline, or another resource we can each take with us.

DO THIS, NOT THAT



DO



Work with a friend or AI.



Create a study guide together.



Use AI if friends distract you.



Be honest and open to feedback.



DON'T



Always study alone.



Talk without a goal.



Just hang out and chat.



Agree too easily or be unkind.

TRY IT RIGHT NOW



ASSIGN AI a role.



PLAY OUT the scenario.



READ AI's feedback.



TARGET studying for weak spots.



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