

# Station 2: What do you think are potential benefits to active learning?

Instructions: Double-click anywhere on the green background below to contribute your response.

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## HOCS and Motivation

Students gain practice with applying their knowledge which results in their developing higher order cognitive skills, self-assessing and realigning their understanding of concepts

## develops thinkers, not monkeys

**Greater engagement. Better personal investment. Better performance/result in the course. Greater long-term retention of information.**

**Students begin interacting with material and each other in class.**

This does not happen when only passive learning is used in the classroom.

## Motivation and Persistence!

Staying engaged throughout the course or experience

## Makes learning visible

Having students engage in activities makes their learning - or lack thereof - visible for you and them.

**Students are able to construct their own understandings**

**Keeps students engaged and increases their interest in the subject being discussed**

**More meaningful learning - better retention of knowledge. Demonstrated to reduce knowledge gaps - leverage multiple experiences**

## Learning!

Students have to actually think during class and start to figure out what they do & do not understand while there with the faculty. Watching me solve a problem always makes it look easy - because I'm not a novice solver.

## More retention of material

Following the principle of learning and then teaching helps

**students engage with material, make it their own and hopefully develop self-efficacy**

## Social engagement

**Greater engagement and understanding of concepts**

**Requires students to check in with their current level of understanding**

Greater retention of information; Teacher can better understand what students are thinking.

Students have the chance to ask questions and discuss with others.

**Students have more agency over their learning. More engaged in their own learning. Take more ownership of their own learning**

## **Own their learning**

Students get more excited learning materials

**using content in ways that are facilitated helps learners use different parts of the brain, consider others' perspective, refine their reasoning**

Motivates students

**students remember what they learn better and are better able to transfer that information / skills**

**Long term storage of understanding of concept be discussed**

**Students learn more and the learning persists longer**

**space to discuss, surface misconceptions, revise thinking, get to deeper understanding**

## **Boundaries**

Students experience, or get to know, what they understand and do not understand. Additionally, if they are socially engaged, talking to one another there's no better way to learn what you know and do not know!

**Student retain and transfer knowledge and skills**

## **Accountable Learning**

Students are accountable as active participants in their own learning instead of passive receivers of content

**Students apply their knowledge to a problem, and (hopefully) have fun doing it**

## **Metacognition**

Students have a better idea of what they know and do not know

**students learn more and retain information longer or are able to use higher order skills and apply what they've learned**

**Internalization of results of active learning is higher. Greater retention**

**Students go into the homework more ready, so the HW is less frustrating and goes faster. Less "I understood it in lecture but then the HW stumped me"**

**Can help center and value student perspectives and identities**

**Improved engagement**

**Student-led learning and discovery. Students take the lead in exploring ideas or solving problems alone or together and the instructor is more of a facilitator in that learning process**

**Better learning outcomes**

**Can help students see relevance of material to their own lives**

**Students will take charge of their own learning more**

