Read about it

Watch a video

Attend a lecture

Hear it explained

A **long** learning session that covers a lot of ground

Try it

Do exercises

Discuss with an expert

Try to **explain** it

Short sessions with time to try things out in between

A

Passive (teacher centered)

Active (student centered)

	A		B
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A **long** learning session that covers a lot of ground	....	**Short** sessions with time to try things out in between

Passive (teacher centered)   **Active** (student centered)

Active Learning in Action

- [Freeman, et al. (2014). Active learning increases student performance in science, engineering, and mathematics. Proceedings of the National Academy of Sciences, 111(23), 8410-8415.](#)