

Technological Progress Come to Education:

Multimedia, Active Learning and the Future of Instruction

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Then ...

**My Dad opens a
typewriting
store**



1874

1937



1946



1980



Today

Now



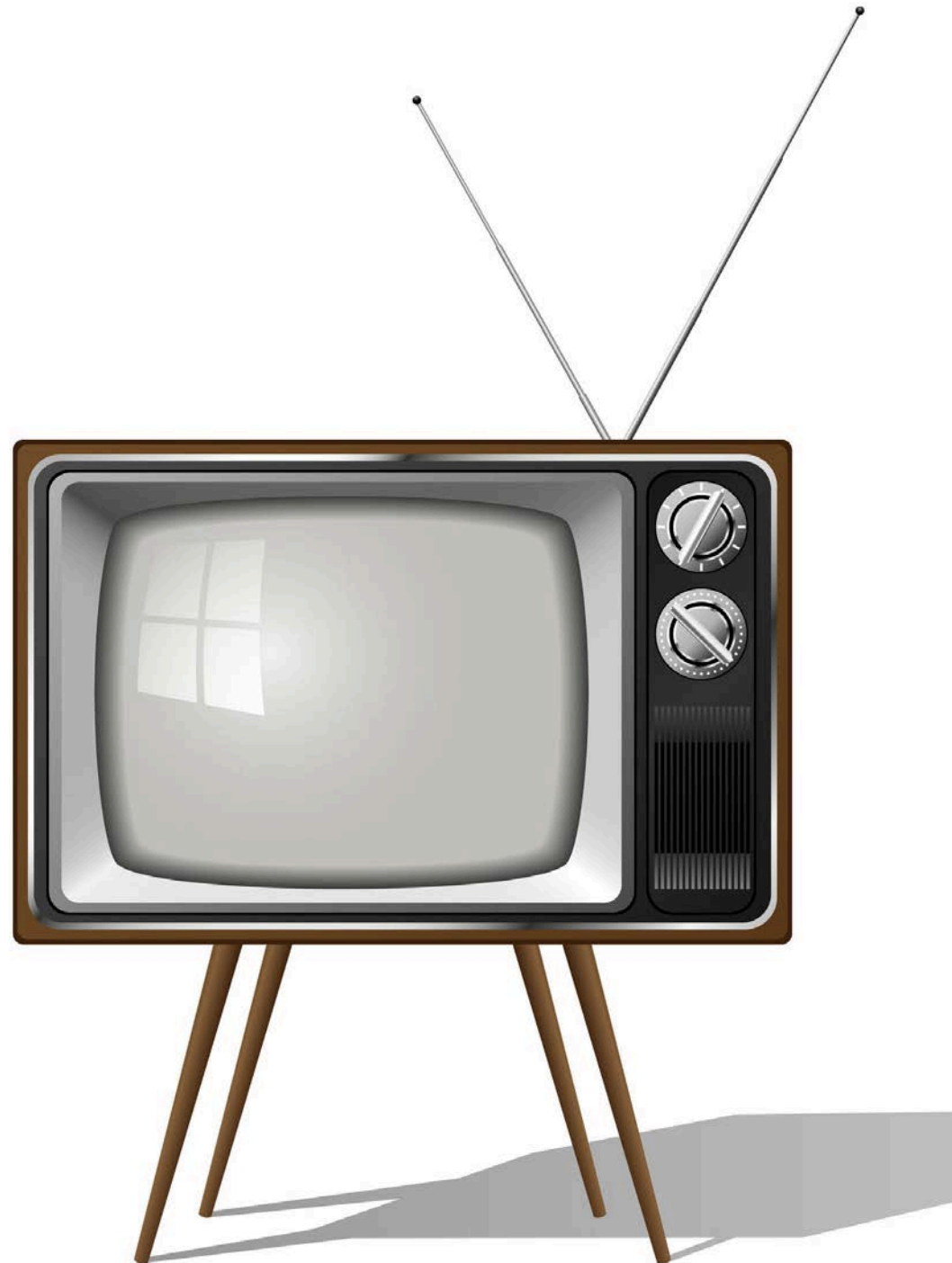
Then



Now



Then



Then...



Now





Then...

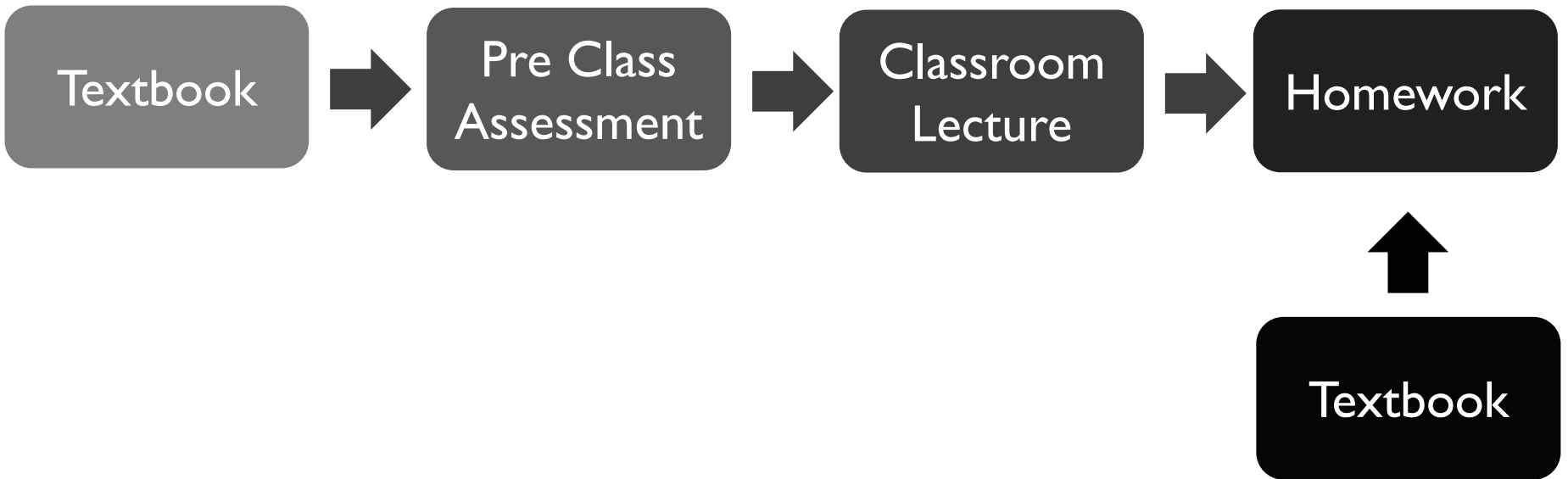


Now

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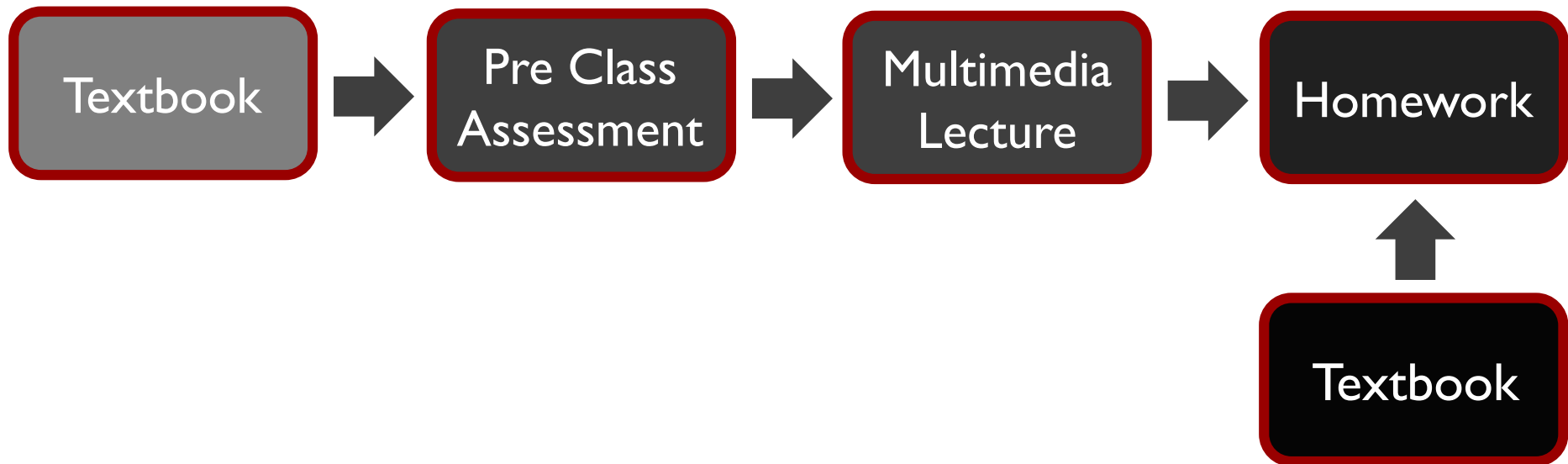
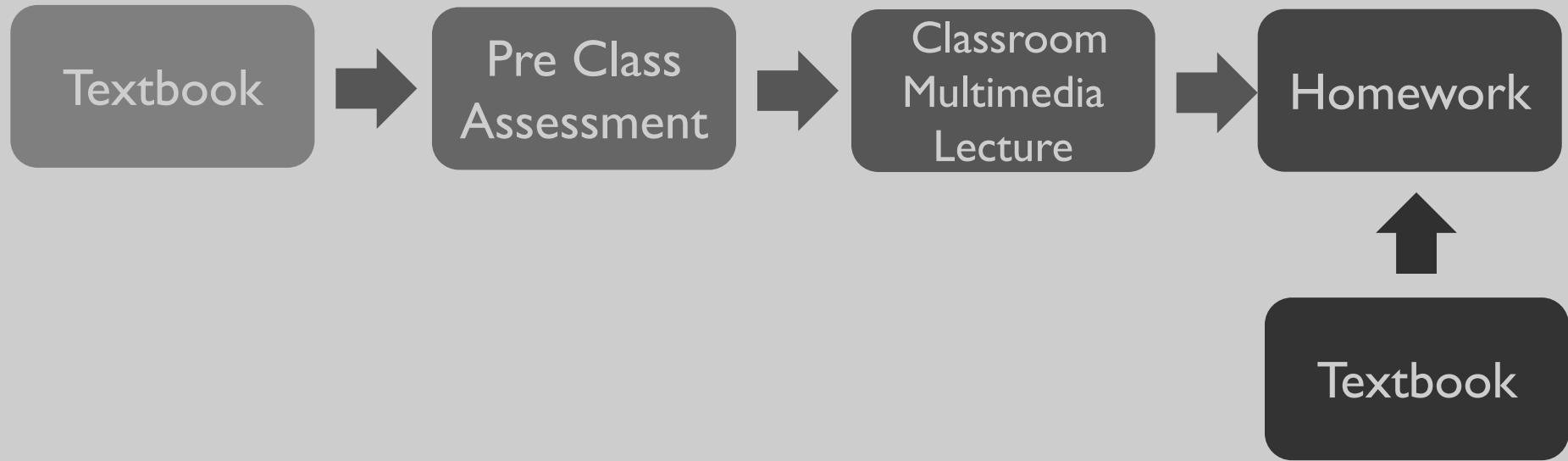
The Student Learning Path



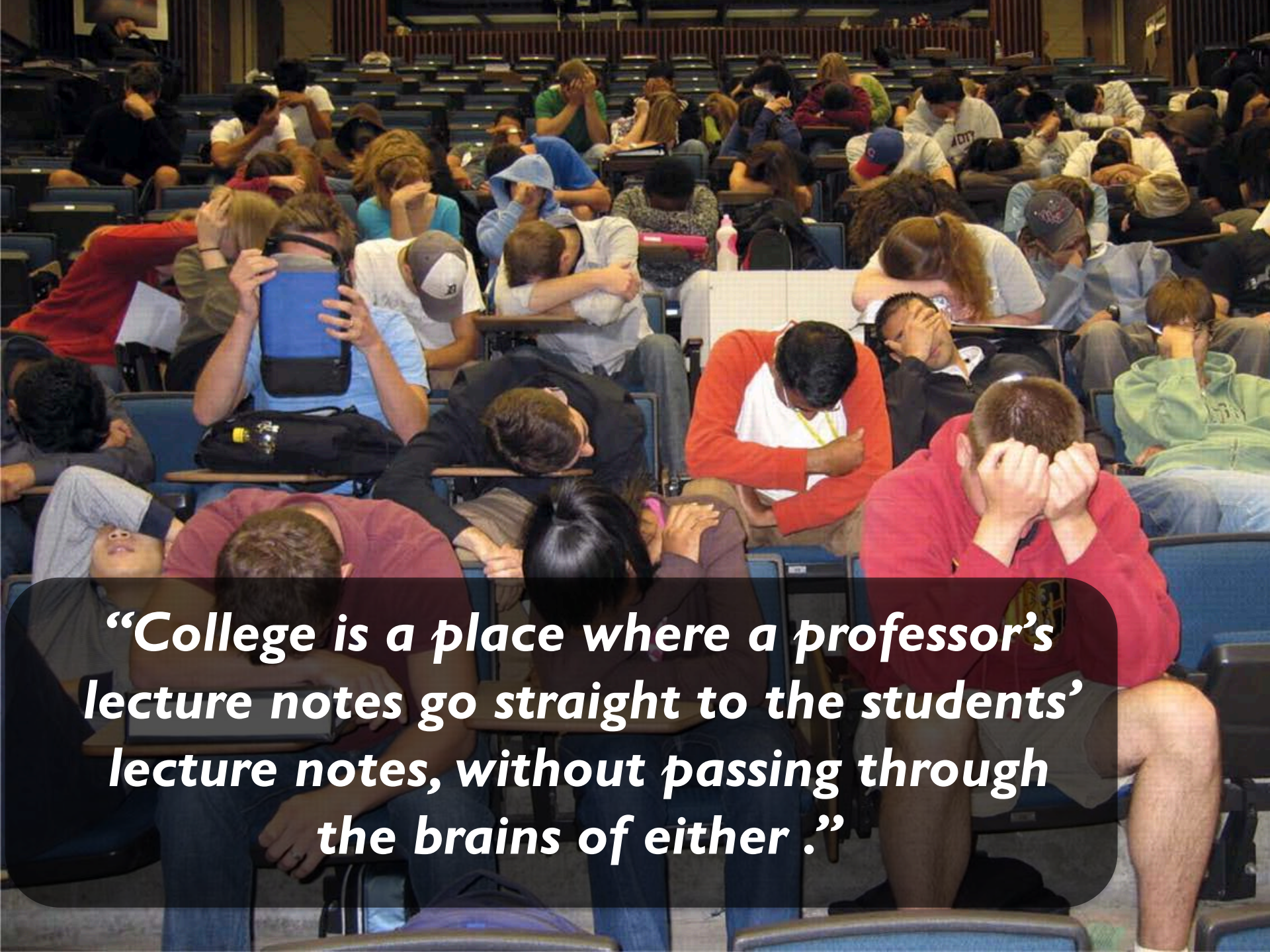


Now

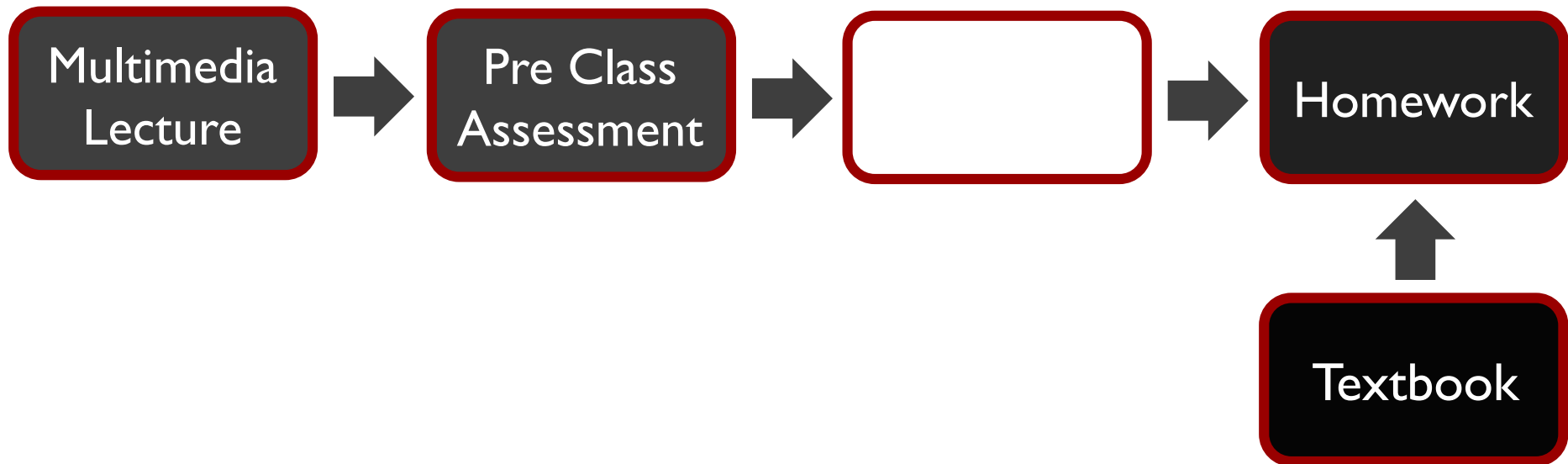
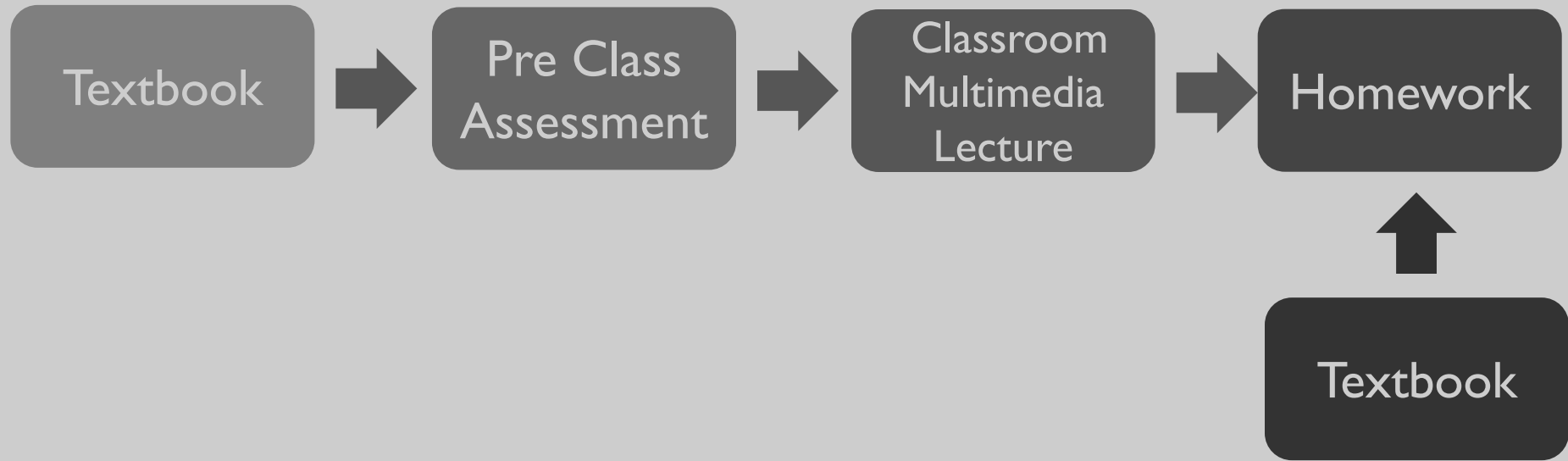
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It is professional
suicide.



“College is a place where a professor’s lecture notes go straight to the students’ lecture notes, without passing through the brains of either.”





- a) Flat
- b) Dip
- c) Same

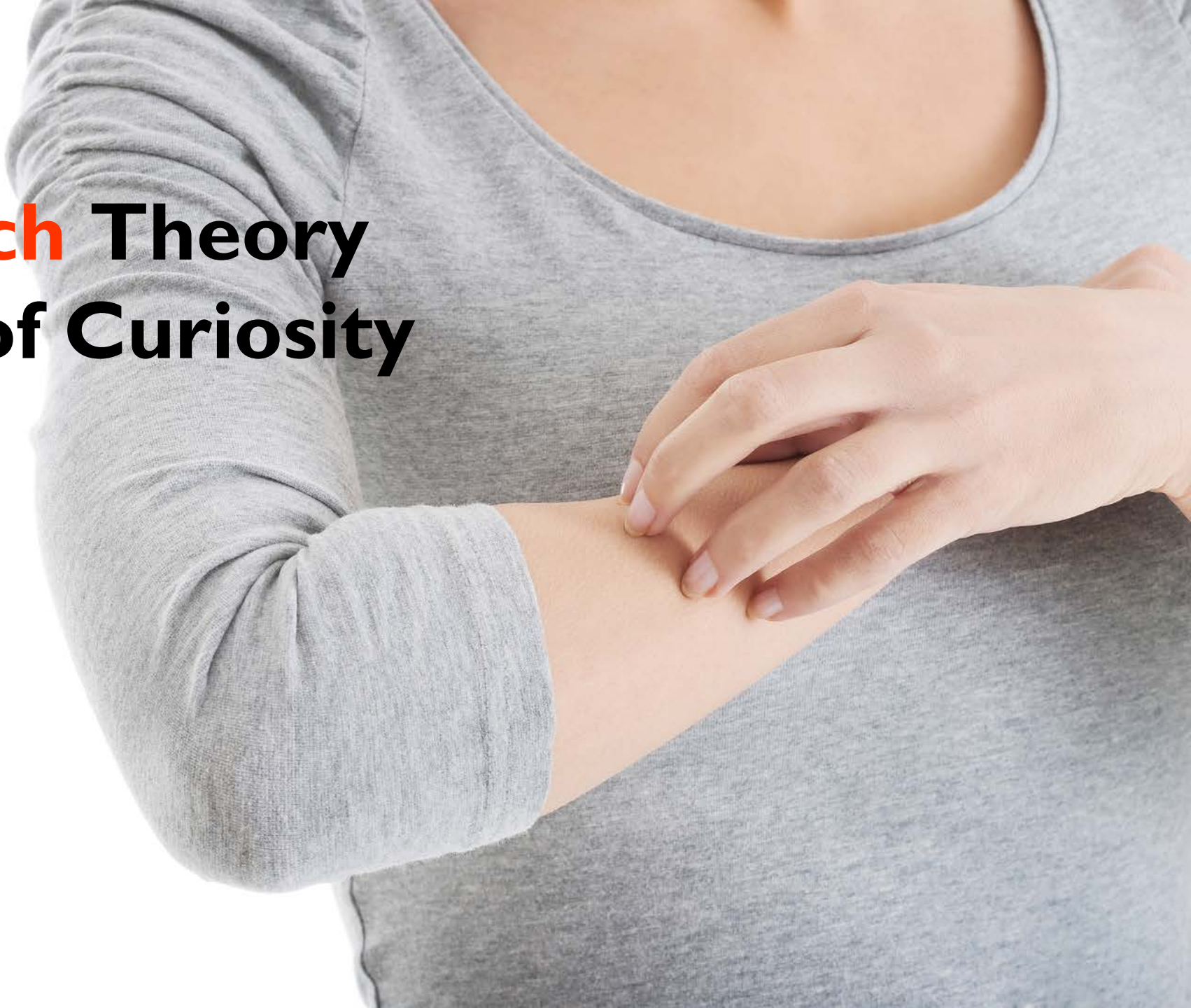
Did you care?

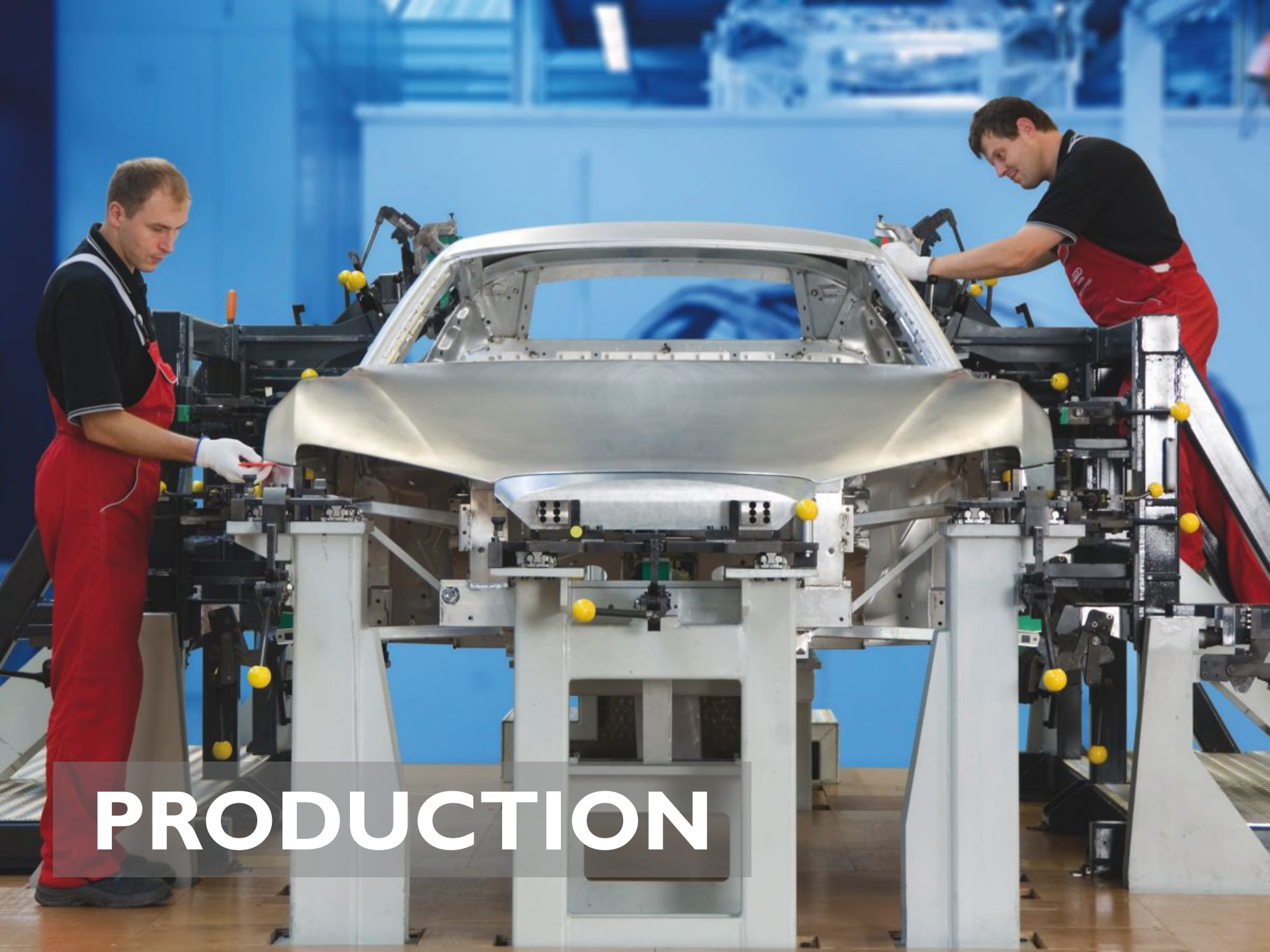
Why did you care?

Gap Theory of Curiosity



Itch Theory of Curiosity





PRODUCTION









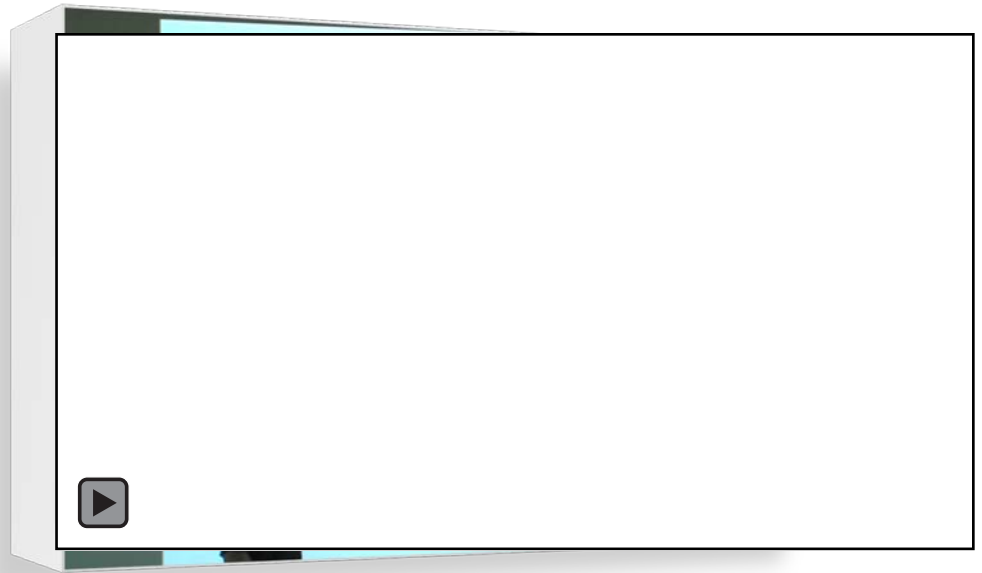
Extra Point Question:

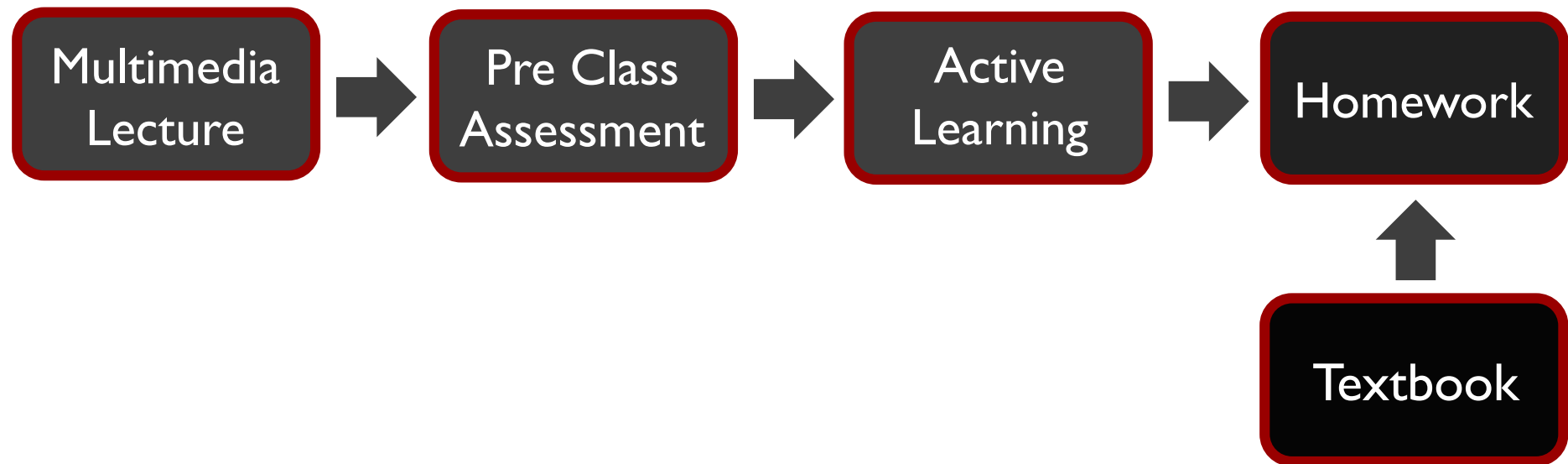
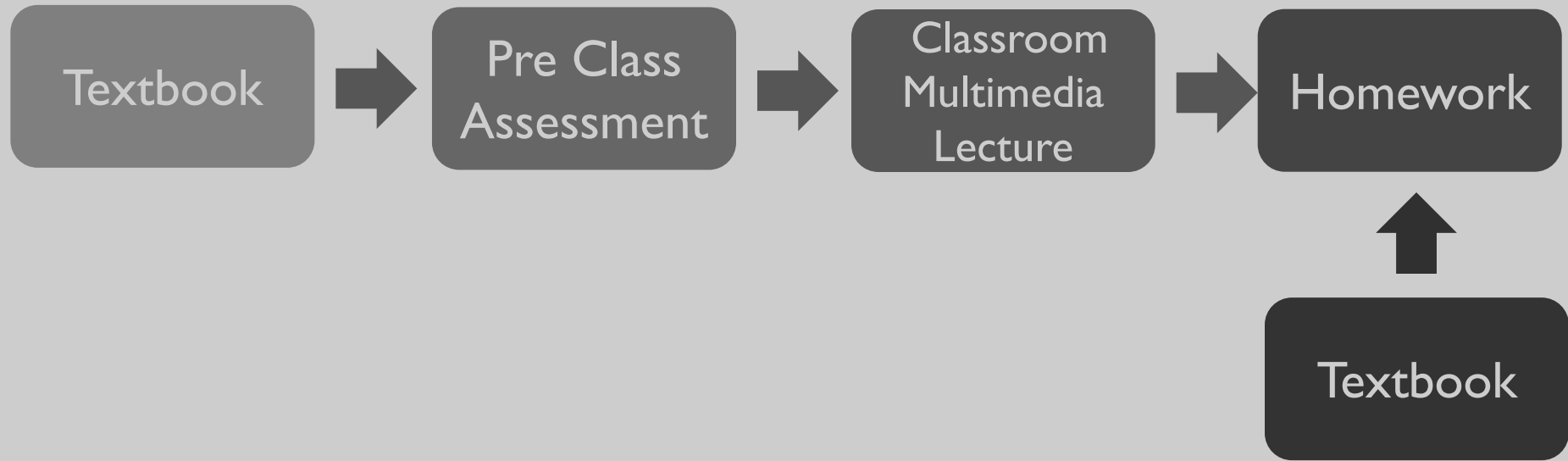
1. If everyone chooses collude, all students get **10 bonus points** in final exam.
2. If everyone chooses to collude, but one person **defect**, that person defecting gets **50 bonus points** and no other student get any points.
3. If more than 1 person chooses to defect, students get **0 bonus points**.

What would you like to do?

a) Collude

b) Defect





Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

- a) Sally**
- b) David**
- c) It depends**

Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

a) Sally

“Society would benefit from Sally because she types above average (which according to WikiAnswers is between 38-40wpm).”

Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

b) David

“Since David is more efficient, he would have more time to complete another job.”

Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

c) It depends

“It depends on Sally and David's other skills”

Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

b) David

“Since David is more efficient, he would have more time to complete another job.”

Sally can type 100 words per minute, while David types 200 words per minute. Given these numbers, society would be better if which one of the two was employed as a typist?

Since David is more efficient, he would have more time to complete another job increasing his value in society due to his efficiency.

- a) Correct**
- b) Incorrect**
- c) Partly correct**

Which of the following is the most **Fixed input of in your production of romantic partners?**

- a) your chiseled abs**
- b) your cool haircut**
- c) your nice dancing skills**
- d) your pick-up line**

Which of the following is the most **Fixed input of in your production of romantic partners?**

a) your chiseled abs

“I can only imagine what it is like to have them”

Which of the following is the most **Fixed input of in your production of romantic partners?**

b) your cool haircut

“According to research, man always love woman who has beautiful hair.

Which of the following is the most **Fixed input of in your production of romantic partners?**

c) your nice dancing skills

“dancing skills take long to develop”.

Which of the following is the most **Fixed** input of in your production of romantic partners?

“You've got the curves to supply my demand.”

d) your pick-up line



Mara

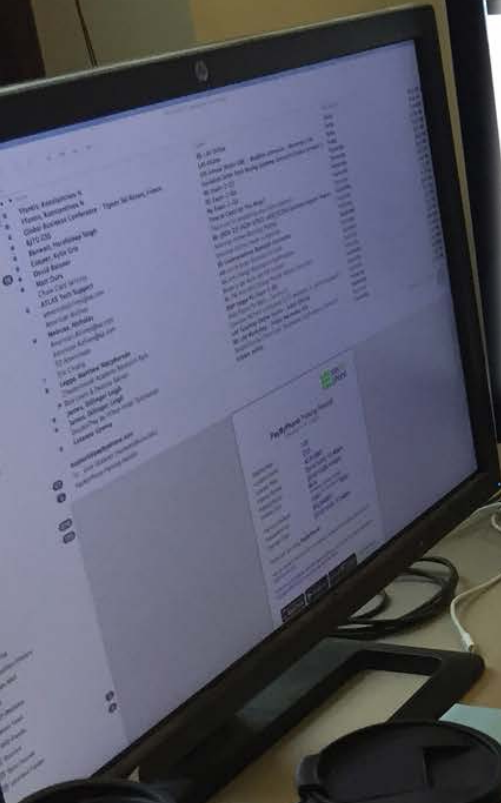
Why Teach Bike Riding

- **Poor Accessibility**
 - Socioeconomic status
 - Safe and appropriate areas
- **Lack of Parental Involvement**
 - Not enough time
 - Knowledge
 - Importance
- **Technology**
 - Video and computer games




Why Teach Bike Riding

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A young girl with blonde hair, wearing a pink t-shirt and white shorts, is riding a black balance bike on a concrete sidewalk. She is viewed from behind, holding the black handlebars. The bike has a black seat, a single black tire, and two sets of small, light-colored wheels at the front and back. The sidewalk is flanked by green grass and a large tree trunk is visible on the left. The scene is outdoors during the day.

**Learn by
Falling**

A man in a blue t-shirt and jeans is helping a young girl learn to ride a bicycle on a grassy field. The girl is wearing a colorful helmet, a striped tank top, pink shorts, and pink knee pads. She is sitting on the bicycle, and the man is standing behind her, holding the back of the seat and the handlebars to provide support. The background is a lush green field with trees in the distance.

**Learn by
Falling**

A young girl with long brown hair is sitting on a blue and silver bicycle. She is wearing a colorful helmet with pink straps, a pink and white striped tank top, pink shorts, pink wristbands, and pink knee pads. She is also wearing pink sneakers. An adult woman with short brown hair and glasses is standing next to her, holding the back of the bicycle to help her. She is wearing a white t-shirt with a colorful butterfly pattern and blue jeans. They are on a green lawn with trees in the background. A dark grey semi-transparent box with the text "Learn by Falling" is in the lower-left corner.

**Learn by
Falling**



**Learn by
Falling**

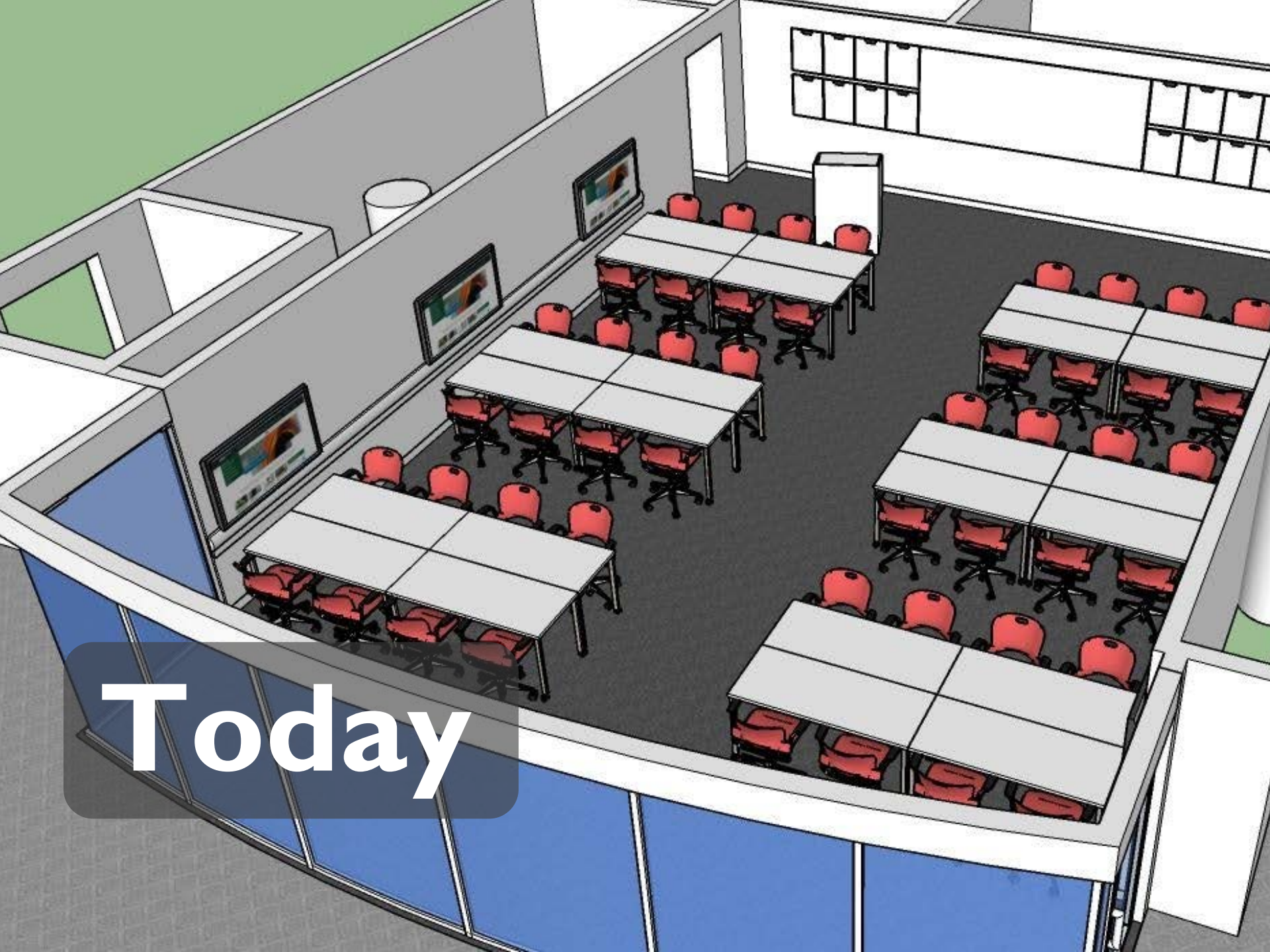


Now

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Tomorrow



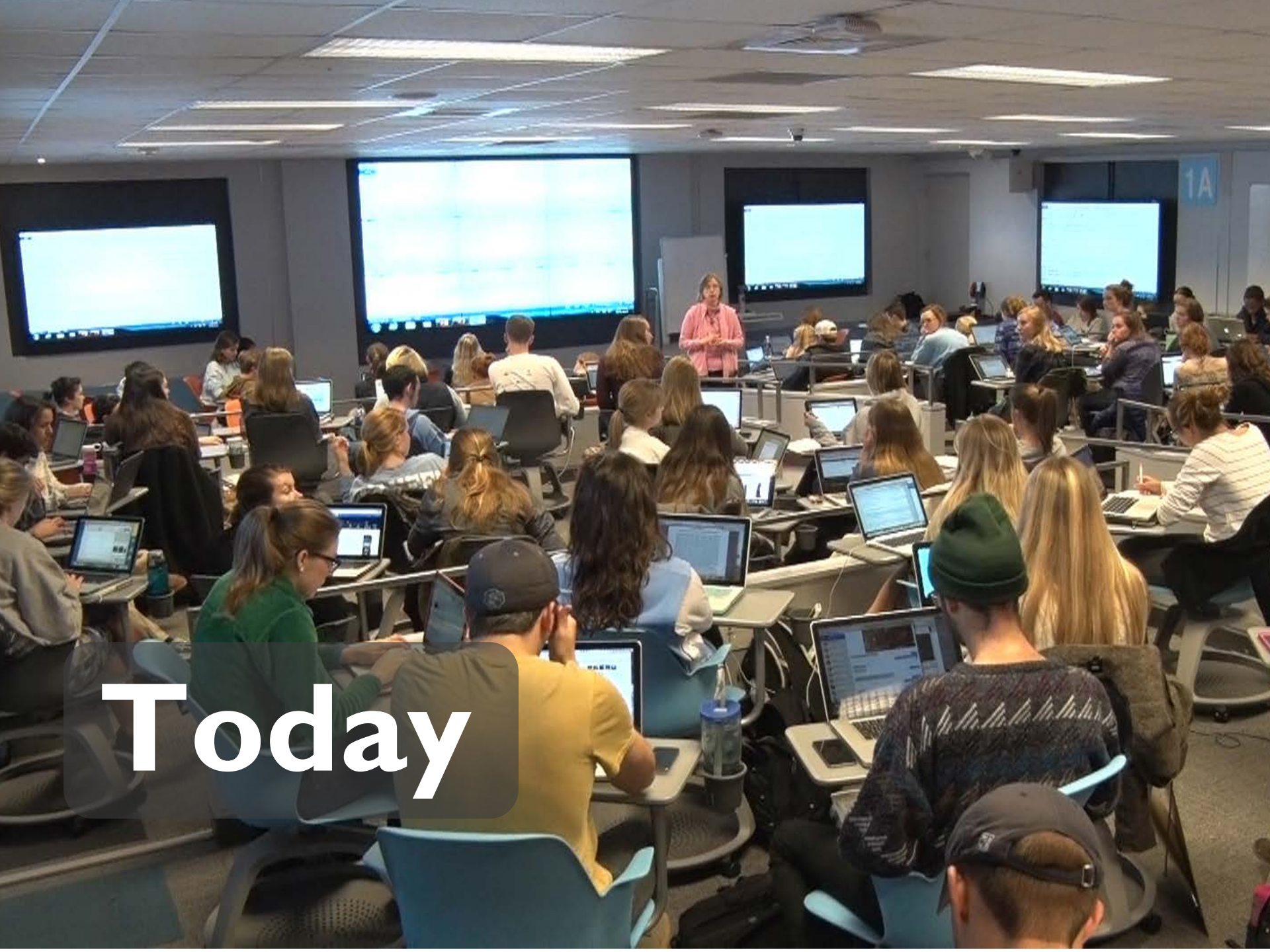
Today



Today



Today



Today



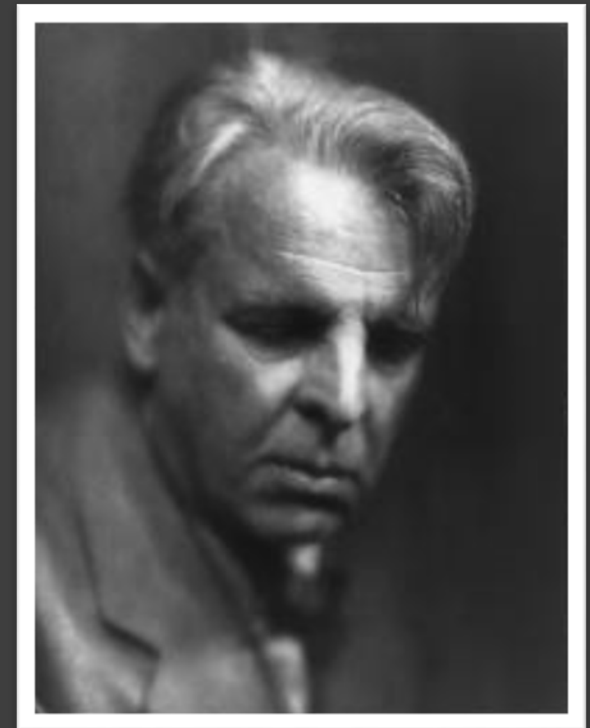
Today



Today

**“Education is not
filling a bucket,
but lighting a
fire”**

--W.B. Yeats



Funny you ask....

\$10

