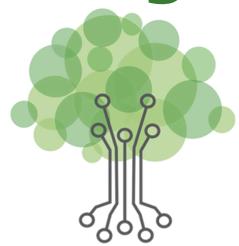
# Some The ABCs of Teaching



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# Ability

#### **Ability**

- Assume that:
  - All students can succeed
  - Students need to believe they can succeed
  - Learning is hard
  - Learning takes times
  - Forgetting is normal

# Body Language

#### **Body Language**

- Smile
- Seem interested in being there
- Move around
- Point at things not in directions
  - if they can't tell what you're pointing at don't point.

# Channels

#### Channels

- Channels of information (text, talk) can interfere
- You can put text-heavy notes in the slides
- Don't allow laptops/phones unless justified

## Assessment

#### Assessment

- Trying to recall information is one of the best strategies for learning!
- Students overestimate their understanding
- Give students opportunities for "formative" assessment (that they just learn from)
- Ask students if it was clear

# Bound

#### **Bound**

- Everything can always be better
- Set limits (start the morning before lecture)
- Hold office hours in lab (leave at the end)

# Clarity

#### Clarity

- It is great to be clear
- SUPER important to make your goals explicit
  - What do you want students to learn?
  - What do you want students to know how to do?
  - How should they be studying?
  - Should they be taking notes during lecture?

# Active Learning

#### **Active Learning**

- The buzz word doesn't mean much of anything without elaboration
- Don't just lecture
- Take breaks
- Include group work

## Borrow

#### **Borrow**

Try to avoid recreating the wheel

- nifty.stanford.edu
- engage-csedu.org
- peerinstruction4cs.org/
- acm.org/education/CS2013-final-report.pdf

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