



# 15 Tips & Tricks for Online Student Engagement

with Dr. Scott Vann and Dr. Katie Sharpe



# Things to Know

 It's okay to keep your camera “off.”

 Keep your mic muted (for now).

 Use the chat to say “hello”!

 Participate in the questions.



**Poll**



**Text /  
Chat**



**Talk**



Tell us about your experience  
teaching online.

(i.e. first time teaching online,  
taught online/hybrid prior to  
Spring 2020, etc.)



**In general, how do you feel  
about online student  
engagement?**



# **Goals**

Know the **benefits and challenges** of synchronous online instruction.

Identify **strategies to address engagement** in remote courses.

# Learners in 2020

Heightened  
Anxiety



Need for  
Interaction



Fear of  
Unknown



# Synchronous



Structure

Interaction

Community



# Synchronous



Structure

Interaction

Community



Less Flexible

Structured

Technology -  
centric

# 1 Don't wing it.

Plan ahead

Know your audience

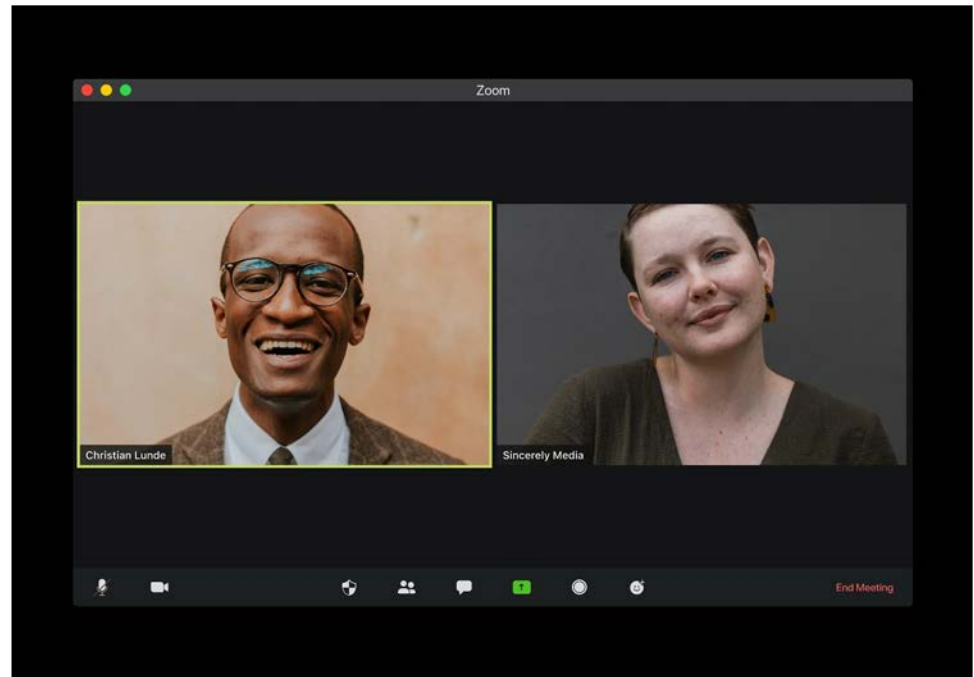
Identify learner needs in advance



## 2 Be flexible.

Give students more than one approach

Think back to your course objectives



### 3 Lower barriers.

Provide opportunities to practice

Provide alternatives for those without high-speed internet



## 4 Make it hands-on.

Shift passive activities into self-paced format

Use meeting times for conversations and hands-on learning



# 5 Teach with purpose.

Be intentional

Align  
with lesson  
objectives





**Which of these ARE strategies  
for engaging online students?**

# Which of these **ARE** strategies for engaging online students?

Create more than one pathway.

Teach with purpose.

Use active learning strategies.

Make it up as you go.



Provide low-stakes practice.



## 6 Share the goal.

State the goals of the meeting

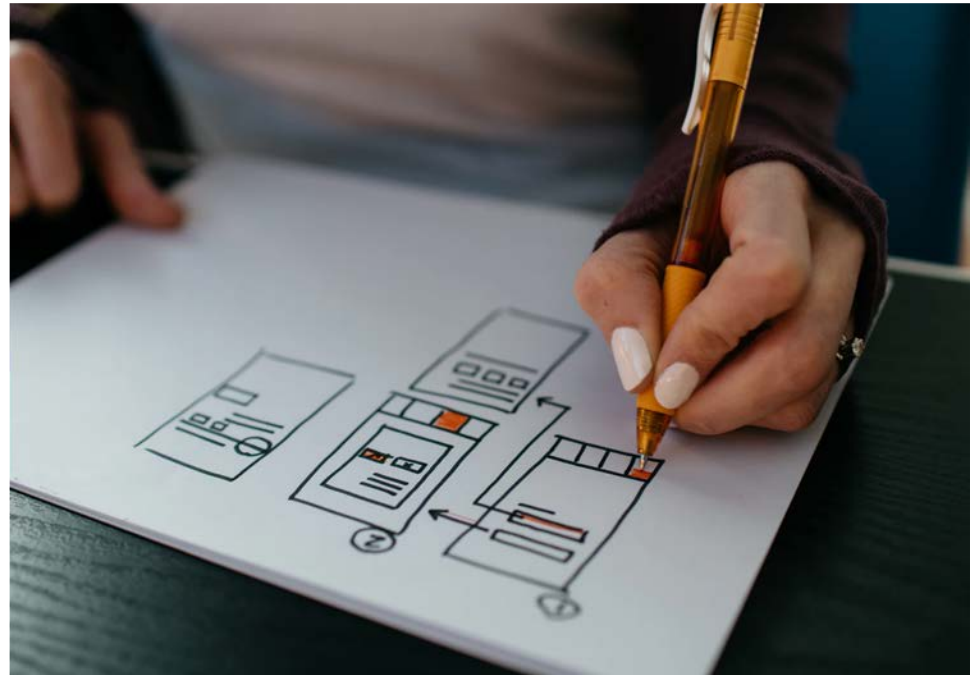
Engage students in goal-setting opportunities



# 7 Break it up.

Chunk content

- Organize information
- Use minimal text
- Utilize bullets

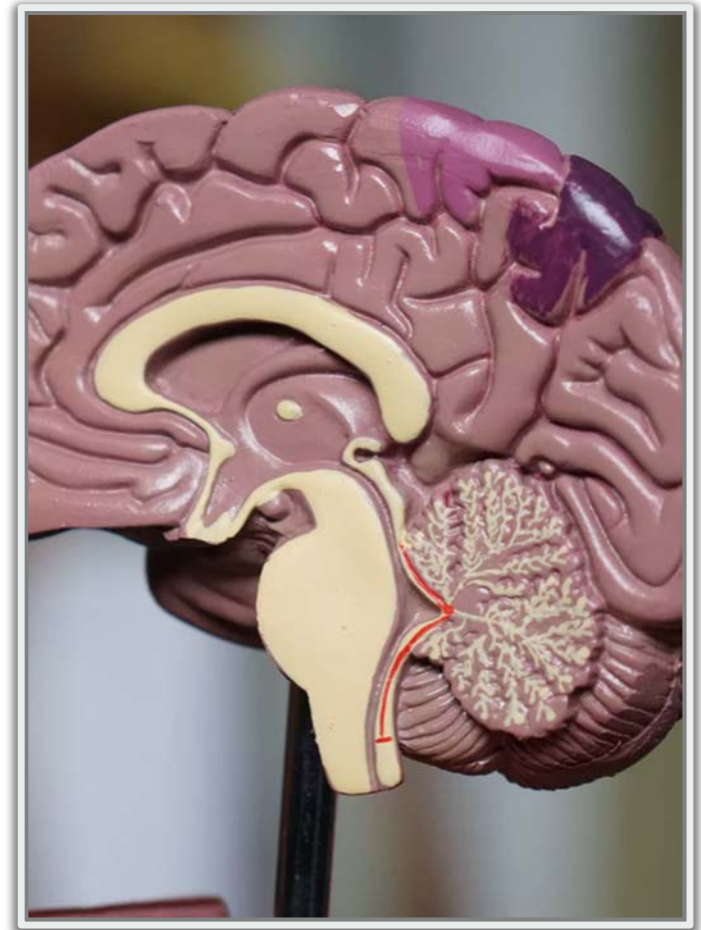


## 8 Keep it simple.

Reduce cognitive load.

Use plain language.

Be intentional.



# 9 “Be our guest.”

Invite a panel of experts.

Host an “interview.”

Prepare questions in advance.





**What can this instructor do to improve the design of the presentation?**

Add your comments in the **chat**.

## 7.3 Enthalpy and Chemical Reactions

### Goals

Define enthalpy.

Properly express the enthalpy change of chemical reactions

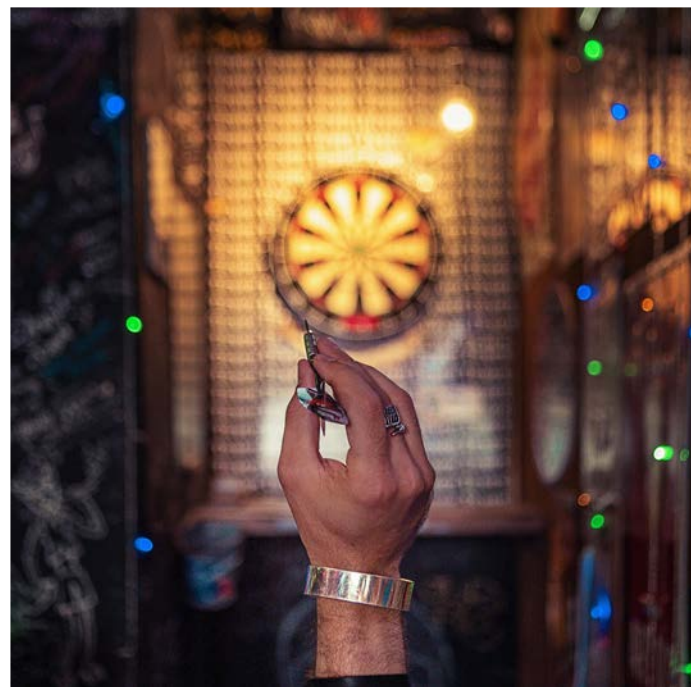
Explain how enthalpy changes are measured experimentally.

- Now that we have shown how energy, work, and heat are related, we are ready to consider energy changes in chemical reactions.
- A fundamental concept is that every chemical reaction occurs with a concurrent change in energy
- Now we need to learn how to properly express these energy changes. Our study of gases in Chapter 6 "Gases" and our definition of work in Section 7.2 **"Work and Heat" indicate that conditions like pressure, volume, and temperature affect the energy content of a system.**
- What we need is a definition of energy that holds when some of these conditions are specified (somewhat similar to our definition of standard temperature and pressure in our study of gases).

# 7.3 Enthalpy and Chemical Reactions

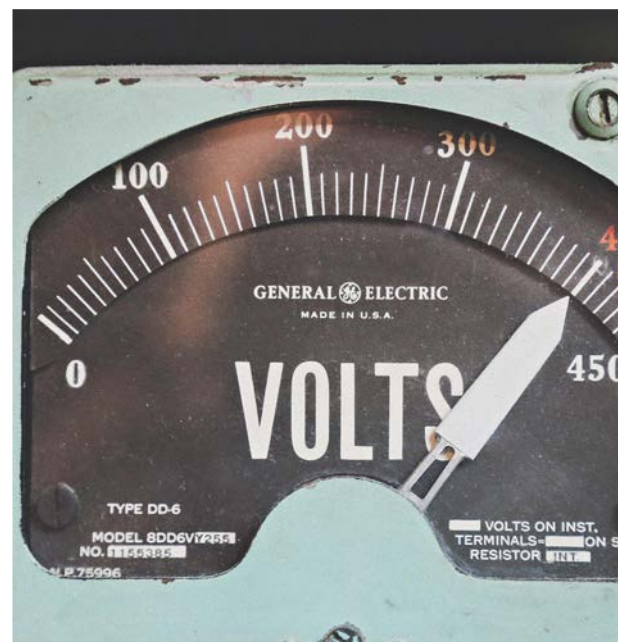
## Goals:

- Define enthalpy
- Properly express the enthalpy change of chemical reactions
- Explain how enthalpy changes are measured experimentally



# 7.3 Enthalpy and Chemical Reactions

- Every chemical reaction occurs with a concurrent change in energy
- Conditions like **pressure, volume, and temperature** affect energy
- How does this influence a definition of energy?







**Name one thing you can do to  
keep students focused and  
engaged.**

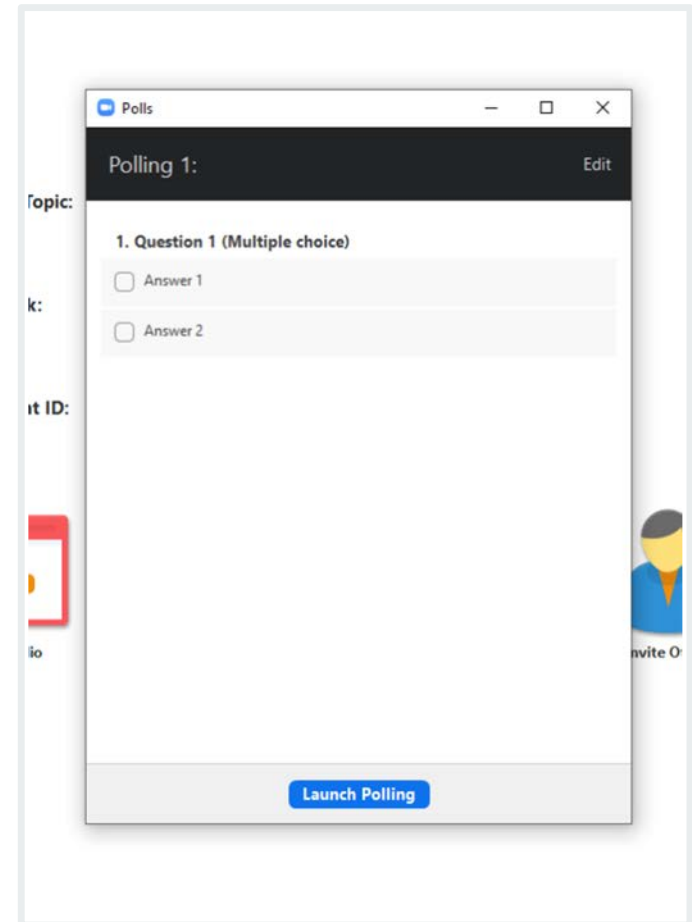
**Add your comments in the chat.**

# 10 Create polls.

Create pre/post assessment.

Quickly gauge understanding.

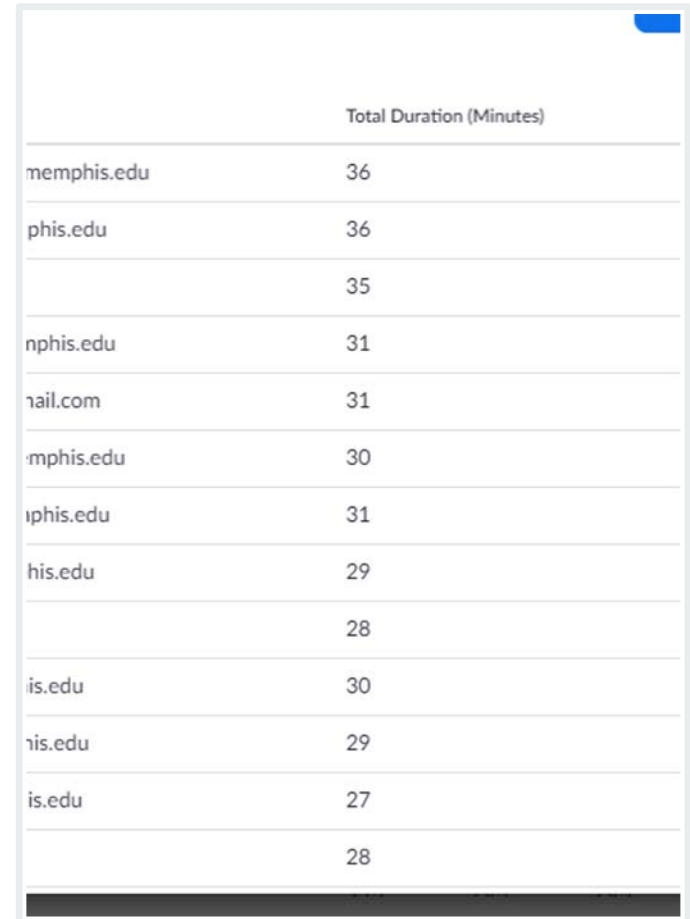
Break up the monotony.



# 11 Track attendance.

View total duration of “seat time.”

\*Be judicious in your use of this data.



A screenshot of a table with two columns: domain names and total duration in minutes. The table is titled 'Total Duration (Minutes)' and lists various domains with their corresponding durations. The domains are listed in descending order of duration.

	Total Duration (Minutes)
memphis.edu	36
phis.edu	36
	35
nphis.edu	31
rail.com	31
mphis.edu	30
lphis.edu	31
his.edu	29
	28
is.edu	30
his.edu	29
is.edu	27
	28

# 12 Use a virtual whiteboard.

Demonstrate concepts in real-time.

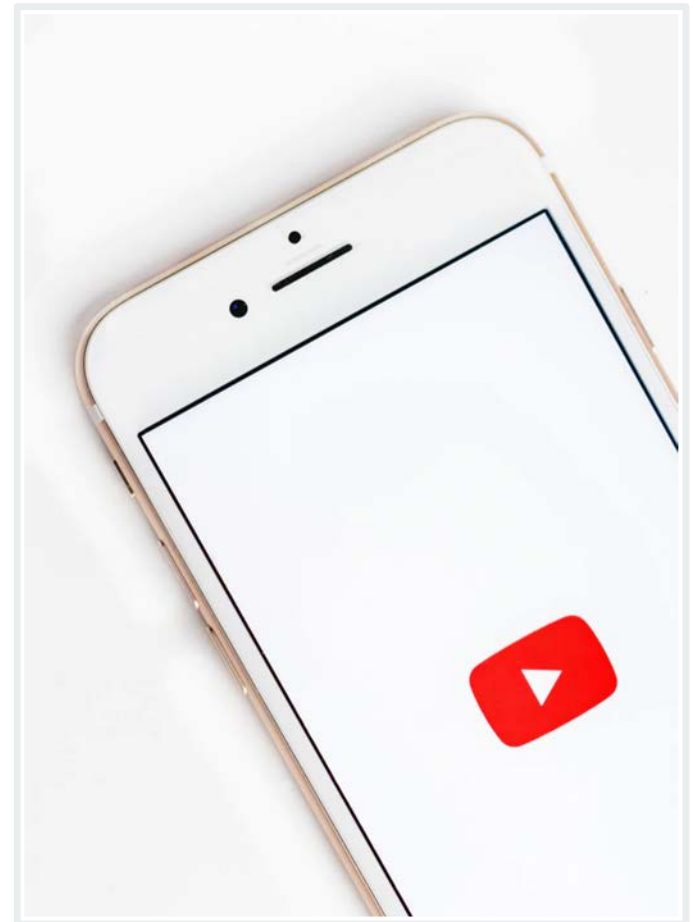
Curate input from students.



# 13 Record and share.

Add recording to a class module.

Keep a consistent structure.



# 14 Build in breaks

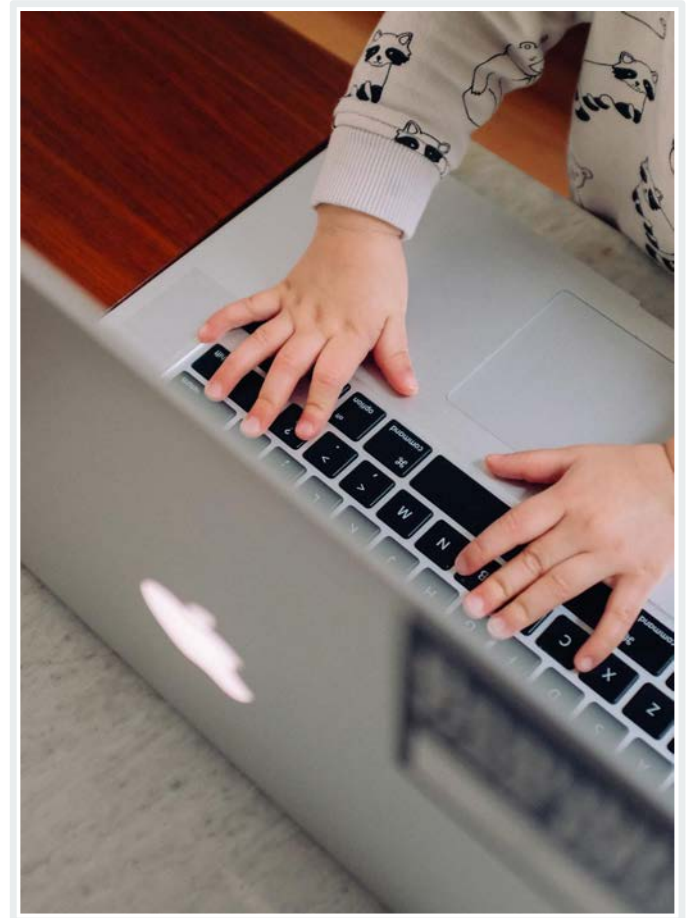
Provide breaks for students when hosting long sessions



# 15 Facilitate community

Incorporate student presentations, show and tell, and read-alouds.

Offer time for students to connect.



# Your Turn!



**What engagement strategies  
have you used as an instructor  
(and/or observed as a  
student)?**





**How do you feel (now) about  
online student engagement?**





Questions?