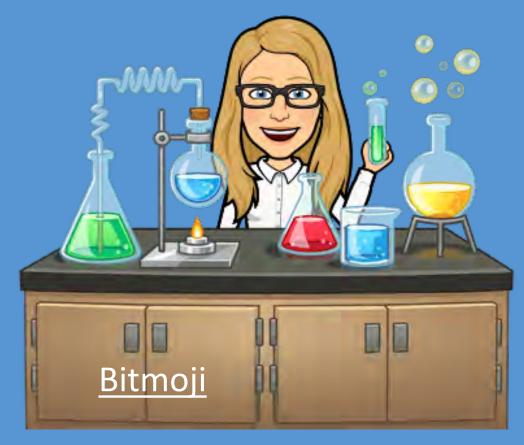
Are the students laughing at my jokes? How to connect and build community in the times of COVID-19

Dr. Laurie S. Starkey Cal Poly Pomona

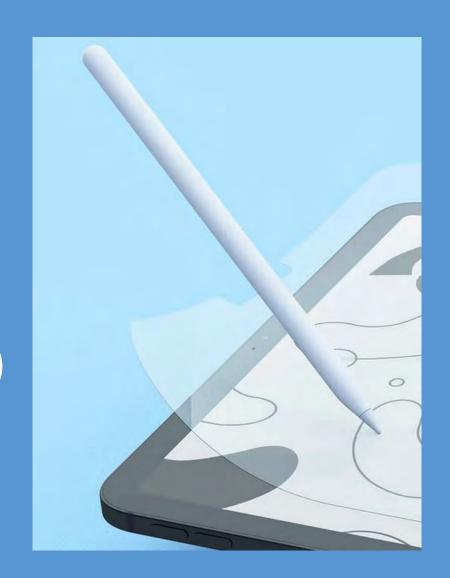






One Year in: Lessons Learned

- Invest in an iPad (Apple Pencil,
 Paperlike screen protector)
- Gradescope to manage student work
- Genius Scan to make PDF w/phone
- Use a headset (good mic, mute button)
- Get a good snipping tool (Snagit)
- Create a <u>YouTube channel</u>



How to: Give Synchronous Exams Remotely

Distribute exam PDF via email

Academic integrity pledge (+ WileyPLUS quiz, + build relationship,
 + guilt-trip "Be the person your dog thinks you are!")

Proctor via Zoom (webcams on)

- Lockdown browsers = equity concerns
- Private chat for questions
- Easy to make announcements

Student submits completed exam to Gradescope

- Student can print, write on exam, Genius Scan to make PDF
- Student can use tablet/iPad to work on PDF directly
- Student can write answers on blank paper, then Genius Scan

Offer Synchronous Activities (aka Live Show)

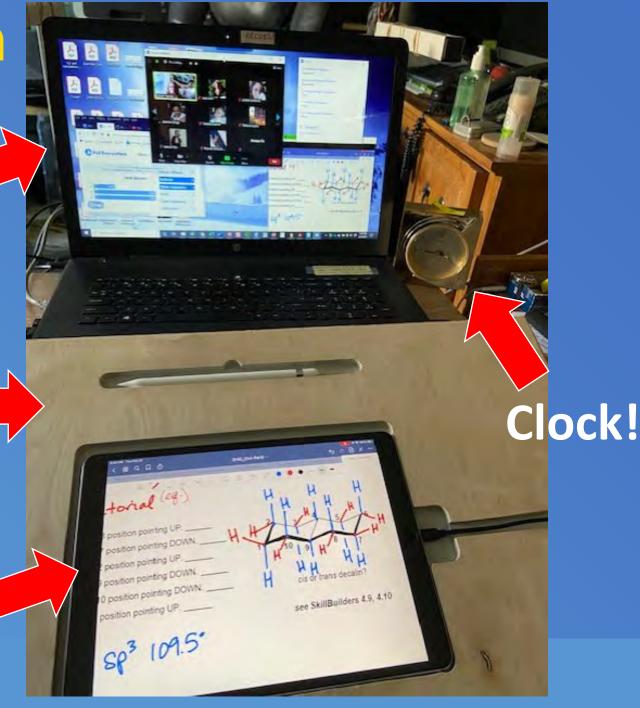
- Students can ask questions, provide feedback
- YOU can ask questions, work on problems (flipped classroom)
- Breakout sessions for discussion, problem-solving
- Preferred by students: online overload, getting what you pay for
- Builds community
- Disadvantages...
 - Minimal student participation (Is anyone laughing at my jokes?)
 - Students are reluctant to use video
 - Can be exhausting
 - Equity concerns (Always make recordings available!)

My Remote Classroom

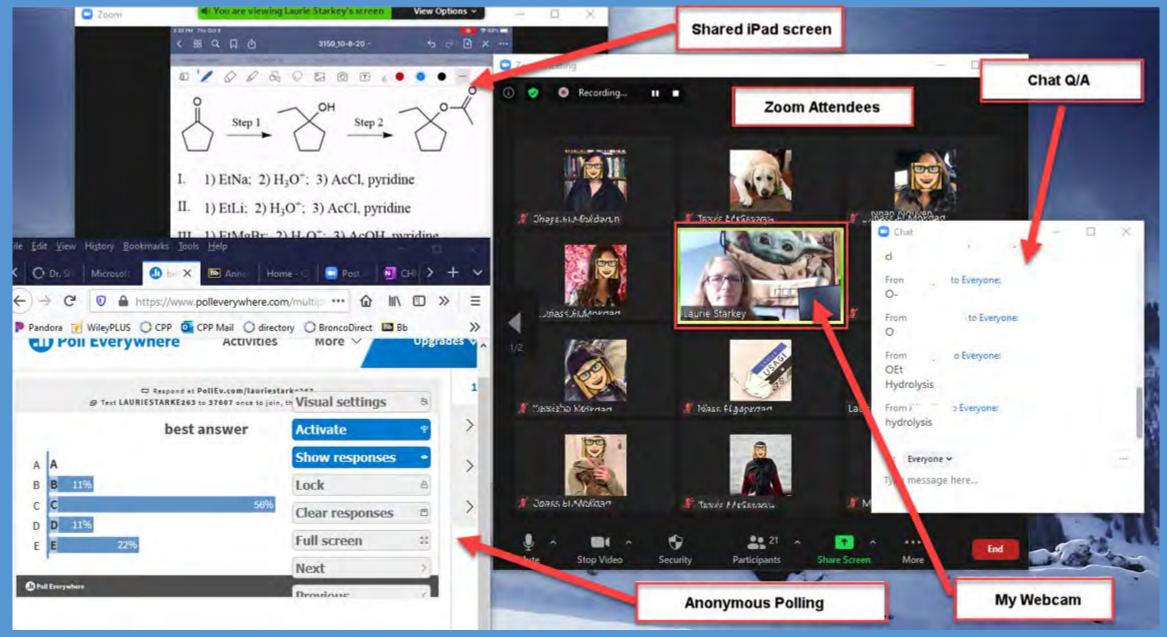
Laptop (Zoom & Webcam)

Support Board (Ergonomics)

iPad (Zoom& GoodNotes)



How to: Teach Synchronously & DRAW Using Zoom

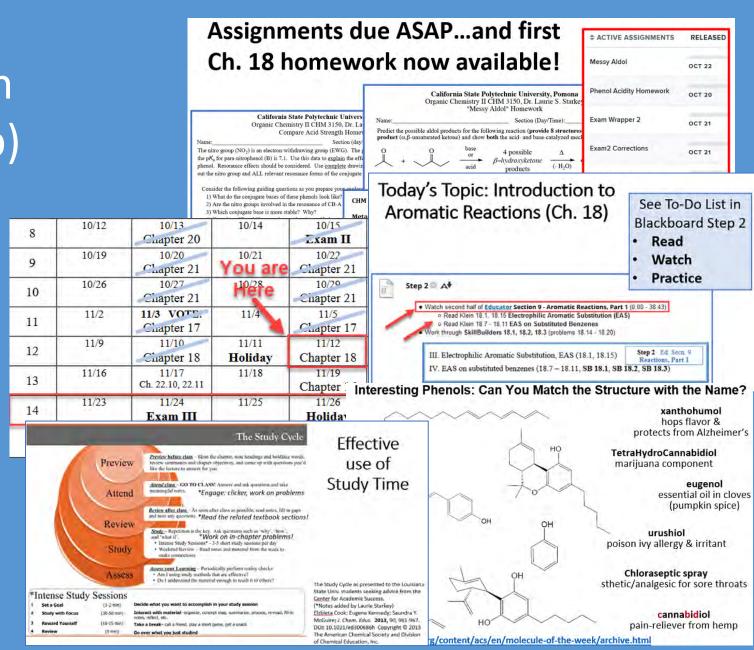


How to: Teach Synchronously & DRAW Using Zoom

- Provide worksheet or skeleton notes as PDF
 - PowerPoint, Word, ChemDraw
 - Hand-written notes cap, tured with Genius Scan
- Start Zoom session on laptop for best functionality
 - Webcam for video of me, full keyboard for chat
 - presenter tools easy to find/use
 - Poll Everywhere window
 - can share screen to show LMS/websites/e-Text/online homework
- Join Zoom session with my iPad or phone and share screen
 - Do NOT join audio on iPad (otherwise, echo/feedback!)
 - Phone camera can capture you writing on paper, models, etc.
 - iPad apps to mark-up PDF (solve problems, annotate notes)

That Awkward Zoom Time Before Class Starts...

- Turn on video so you can make a toast (coffee cup)
- Show live animal cams from Explore.org
- Loop a PowerPoint slideshow with course announcements, memes, student photos



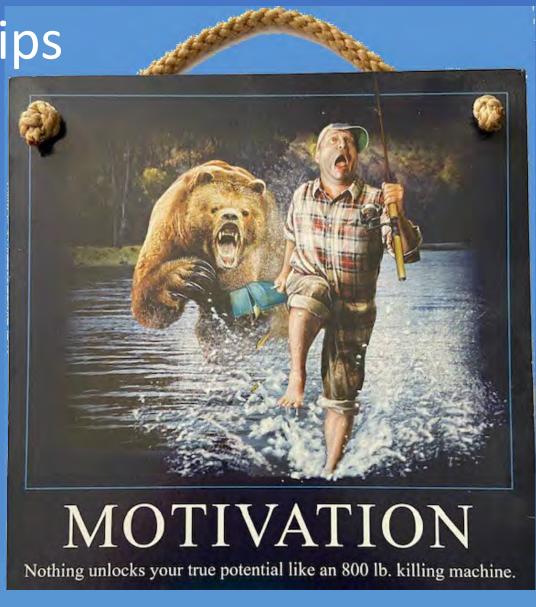
How to: Keep Students Motivated

- Build community/relationships
- Encourage study groups
- Weekly "Friday5" reflection

Motivate Lab training (GPS)

- Growth Mindset
- Purpose & Relevance
- Sense of Belonging

Travis Maddry travis@motivatelab.org



Make a Course Introduction Video

- Introduce yourself& your course
- Share your passion
- Starting Strong...
 - Growth Mindset
 - Purpose & Relevance
 - Sense of Belonging
- Include link in Welcome E-mail



Welcome to Organic Chemistry!

Padlet.com for Student Introductions

Constantinos Fotos

Hi! My name is Lala! I'm a third year chemistry major and plan to get into environmental or green chemistry. I love everything star wars and Van Gogh. Goodluck to us all this semester :)!

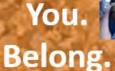


Dr. Starkey with her family at Niagara Falls (Summer 2020)

CHM

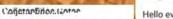
3150

We drove our RV to Connecticut and back - a COVID-safe vacation!



L'anetantinge L'atac

Hey everyone! My name is Jonathan, and I'm a second year Biochem major at CPP. I like being outside in the winter, but the summer gets too hot for me so I usually just stay inside. I'm always down to try new things because I just enjoy learning and experiencing as much as I can. This is a pic my gf and I took earlier this year (before quarentine)

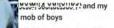


Hello everyone. I am Asijana. I am currently majoring in in Animal Science Pre-Vet option and minoring in zoology. I plan to get my doctorate in wildlife veterinary medicine and save the endangered animals. The picture I have posted are of my turd muffins Asuna and Calvin. I like to watch anime, play video games, paint and hang with my fam bam. I hope we get through this semester together.

Protection Contraction of the

Hello everyone! My name is Diego e and I am a 4th year Animal Science/Pre-Vet student. I love to

travel, photography, and I also like collection vinyl. This is me in Paris last year:) I hope I can travel again soon. I hope all of you have an amazing semester!



II! This was taken last week in y baby's 2nd birthday. He got nto the cake before we could

ירינו ומווארי ביומו מווון:

Hey, I'm Gina and I'm a 4th year chemistry major. Because I love makeup and skincare, it is my goal to become a cosmetic chemist after I graduate. I enjoy watching standup and comedy posdcasts. HMU if you need any reccomendations!

CHM 3150

Conethinguage Cotae

Hello, I'm Tram and a third year Chem major. Nice to meet everyone. This is a photo of Mochi that I got from this little shop at Little Tokyo called Fugetsu-Do; and it's really yummy!



מבחבו התמשפתלהתה".

Hello everyone, my name is Noe and I am a chemistry major. This is a picture of my dog Lily who recently passed away this summer.



Belong.



Hello, my name is Nhan am a senior at Cal Poly. I love hanging out with friends, reading manga, watching anime, and observing nature. Nice to meet you all.

Remote ENGAGEMENT using Kahoot!

Clickers on steroids ...FUN, gameshow-style multiple -choice questions using mobile devices (good for syllabus "quiz," exam review, "inquisitive" lab interactivity and more Kahoot)



Study Groups for Student Interactions

- Organic Learning Community (OLC)
- Offer credit for weekly report w/selfie pic

Once you have formed an Organic Learning Community (OLC), please click on "Edit Document/ Edit in Browser" button, select an open box below, and enter the names of your OLC members. OLC #1 has been created as an example.

Want to give your group a name? Group names are optional and can be added at any time.

See description in course syllabus.

Looking for a group? Contact members of an existing group or start a name in an empty box, or posting a message on Discord. Perhaps you about your availability, etc.

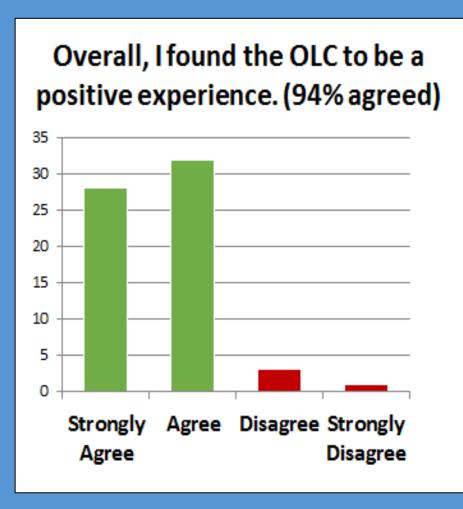
Remember, each OLC group ideally has 3-4 people in it.
OLC participants will earn up to 15 points if they:

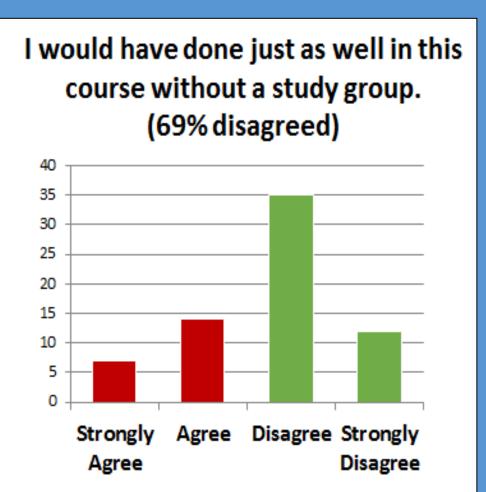
- 1. Meet with OLC for at least one hour each week; AND
- Record your activities after each meeting (via Gradescope ass entries required to receive full credit); AND
- 3. Write a final reflection on their OLC experience at the end of t

OLC #1	OLC #2	OLC #3	OLC #4	
"Guardians of the	"Stu-diene"	"I'm diene, <u>uwu</u> "		
O-Chem Galaxy"	lesinaysAkvasodi Vriturlina Buqaevo	ารายีเลมี่หูกรีปหลูกกา	vényahika kumant vengolek/k/kmant	
Dr. Starkey Chris Pratt	secueliāš Pliment	(nosnibEnsilarisë)	seguntan Kumant Seguntan Karatan dan	
Wonder Woman		rearialtá á kilmani	resimbre Kjædal Juegadá erdőmenko	
Billy Bronco		<u>់សំលីក្រាកែសិទ្ធដៃសំនក។</u>	နေ့စကလှာရုံကို Kindbayo	
		Charle Charlingson		
	OLC #6	OLC #7	OLC #8	
OLC #5			regioning Wheekert	
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Study Groups for Student Interactions

- Organic Learning Community (OLC)
- Students report positive, helpful experience





OLCReporting (Gradescope Online Assignment)

OLC report and phot 1



PROBLEM

Insert Images ≡ Insert Field

Who did you get together with? When was the study session, and how did you meet up?

1____

What did your OLC work on during the study session?

I____

What did you contribute to the session? What did you learn?

I____

Please upload evidence of your study session (screenshot/photo/notes). Thank you, and have a great week!

Ifiles

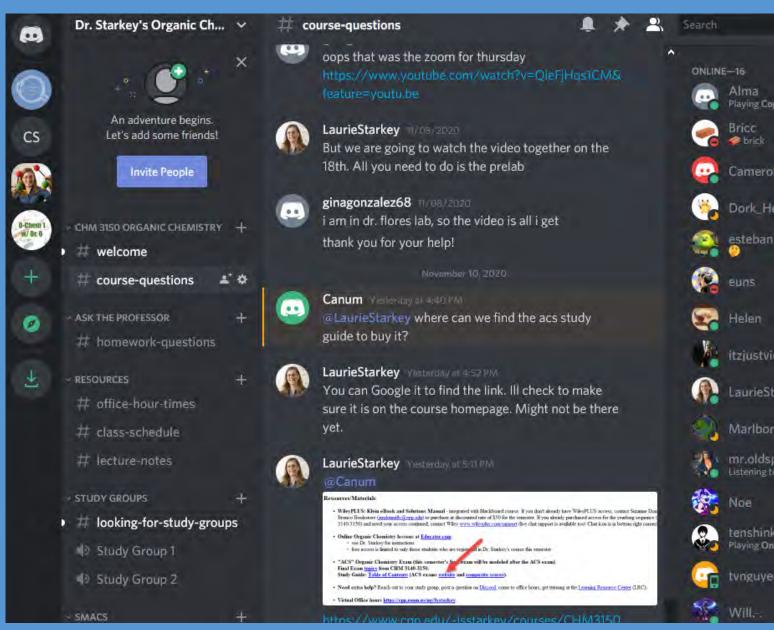


Fostering Communication

- Discussion boards
- Google Voice (texting)
- Discord server
 - instructor/studentQ&A posts
 - student/student
 - Familiar to gamers



https://discord.gg/m6gQWE



Fostering Metacognitive Reflection

- Exam Wrappers
- "Friday Five" Reflection
 - 1) Describe how you spent your time working on Organic Chemistry this past week.
 - 2) Describe your plan for working on Organic Chemistry this coming week.

3rd prompt...promotes **Purpose**, **Relevance**, **Value** ...and it's a wonderful way to connect!

"Friday5" Gradescope Online Assignment

Add a Zoom profile picture

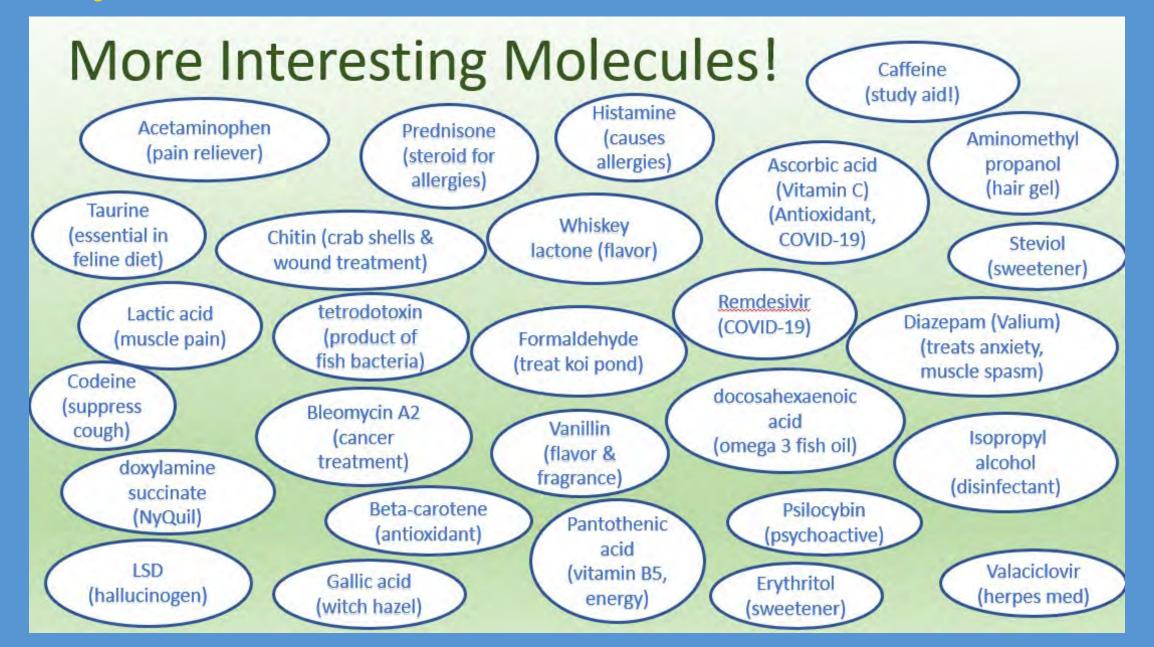
QUESTION 1	POINTS		■ Delete Question
Reflection	3	-	
PROBLEM			Insert Images Insert Field
Describe how you spent your past week.	time	workin	ng on Organic Chemistry this
II			
time NEXT weekendso what (or even a little bit ahead)	know ; can y in o: dying (you wi ou do ' rder t Organi	.ll be working hard at crunch THIS weekend to get caught up to spread out your workload? .c Chemistry this weekend and
11			
Battling Zoom fatigue. One to knowing who is in the meeting this weekend is to log in to picture! A photo of you won avatar or a pet pic, etc. I	ng or o b http: uld be	virtua s://cp great	l classroom. Your assignment p.zoom.us and add a Profile , but you can also use an
files			
	→ Add S ι	ubquesti	ion
	+ Add C	Question	12

"Friday 5" to Motivate (GPS) & Make Connections

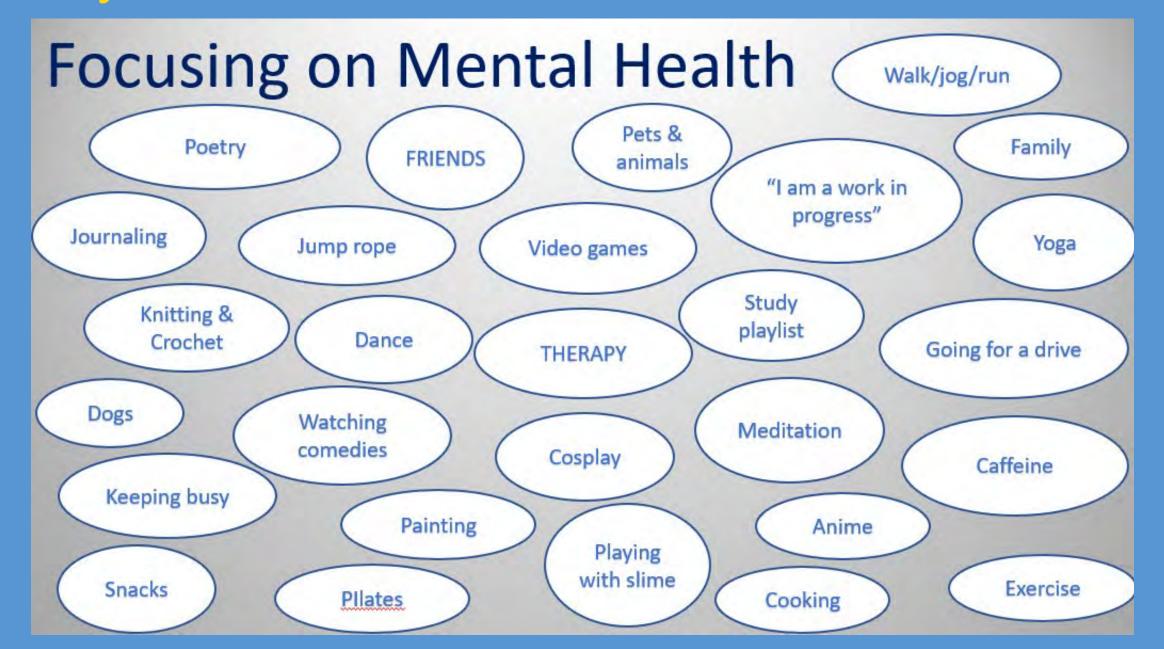
- Encourage good study habits
- Course Feedback: Start-Stop-Continue
- Mental Health Check-in
- Showing Gratitude
- Finding relevance in Organic Chemistry
- Tell me about your volunteer activities, favorite autumn activities, YouTubers...

19

Friday5 Reflections → Pre-Zoom Announcements



Friday5 Reflections → Pre-Zoom Announcements



Will students participate? Yes, if rewarded!

Advice: to discourage online cheating, avoid high-stakes exams. Result: complete revision of pre-COVID grading scheme!

F2F Course Points (500)

- * 3 midterms (300 points)
- * final exam (200 points)

 Homework, exam

 wrapper, OLC worth ~5

 points XC on each exam

Remote Course Points (500)

- * 3 midterms, drop lowest (200 points)
- * 1 final exam (100 points)
- * Homework (125 points, 25%)
- * Reflection/OLC (75 points, 15%)

 Friday Fives, OLC, exam wrappers

I am grateful for the relationships we have built!

Professor Starkey,

I know you are a cat mom so I thought I would share this photo of my kitten! I found her with my chemistry flashcards one morning in her favorite box. Not sure how she was able to pull that off. Hope you enjoyed



Making it Work: Staying Happy, Healthy & Sane

Be Flexible

Be Open to Try New Things Be Patient

Be Honest with Students

Don't Reinvent the Wheel

Find the Silver Linings

Don't Obsess Over Cheating

Connect with Colleagues

Don't Try to be a Superhero

Use Facebook Groups

#AllinThisTogether

Thank you for joining me today!

Questions?
Use chat or email me...

Isstarkey@cpp.edu

http://www.cpp.edu/~lsstarkey



Mindset & Video resources



COVID-19 remote teaching resources