

MICROSOFT TEAMS FOR THE ONLINE CLASSROOM: A CASE STUDY

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MOVING ONLINE.....A LOT OF CONCERNS!

FULL ONLINE COURSE

- Chemistry course in May
- How to show detailed calculations
- How to encourage student participation

HYBRID COURSE

- Earth Science course in the fall, typically a flipped course
- How to meet needs in-person and online
- How to have students work in small groups


WHAT CAN TEAMS DO IN THE CLASSROOM?

- Meet with ease – no need to send links
- Meeting recordings saved in an easily accessible location
- Share multiple views
- Chats are saved
- Ability of students to complete group work in an organized setting
- Streamlined access to all Microsoft apps (OneDrive, SharePoint, Outlook)


TYPE OF TEAMS

- What Team type should I choose?


Select a team type




Class
Discussions, group projects,
assignments



**Professional Learning
Community (PLC)**
Educator working group

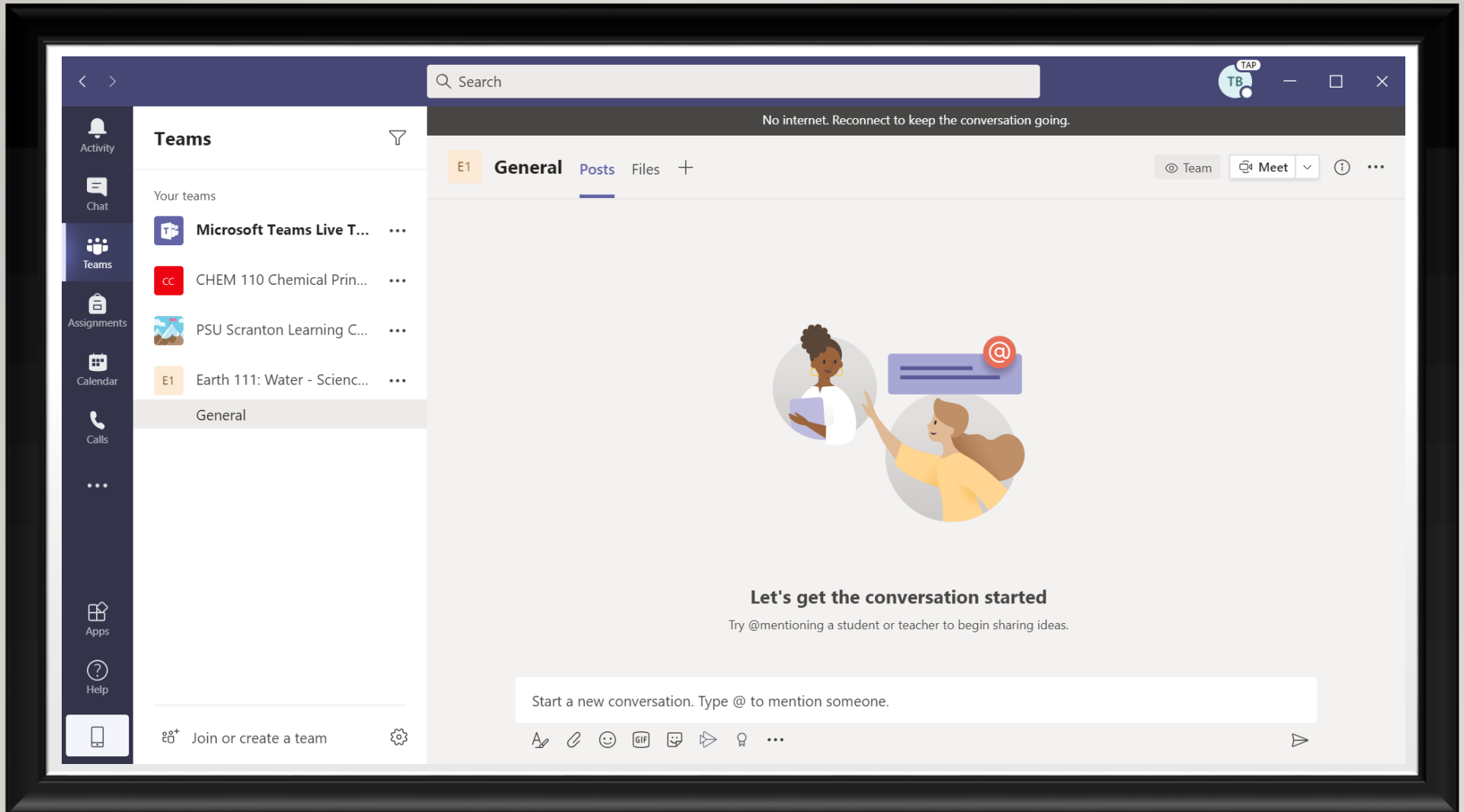


Staff
School administration and
development



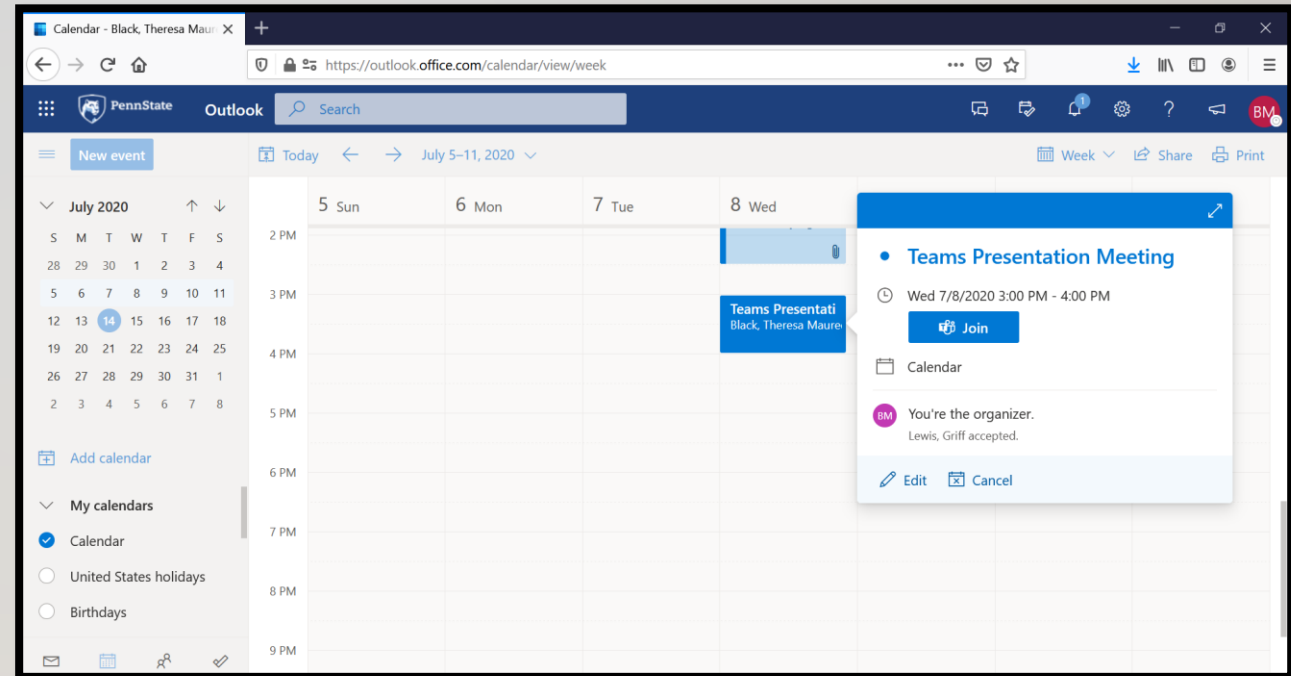
Other
Clubs, study groups, after school
activities

Cancel



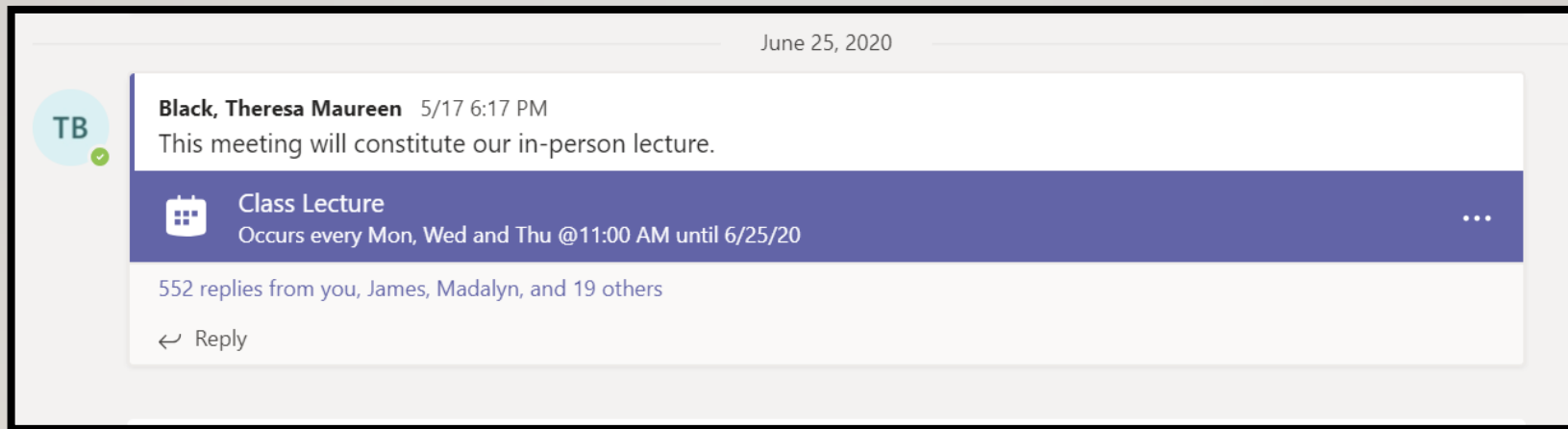
WHERE DO I FIND MY CLASS?

- Set up Class as a recurring meeting
- Automatically on Outlook Calendar



CLASS MEETINGS

- Students can access meeting via Teams at any time. No need to send out link
- No bombing! Only those added to Team can access

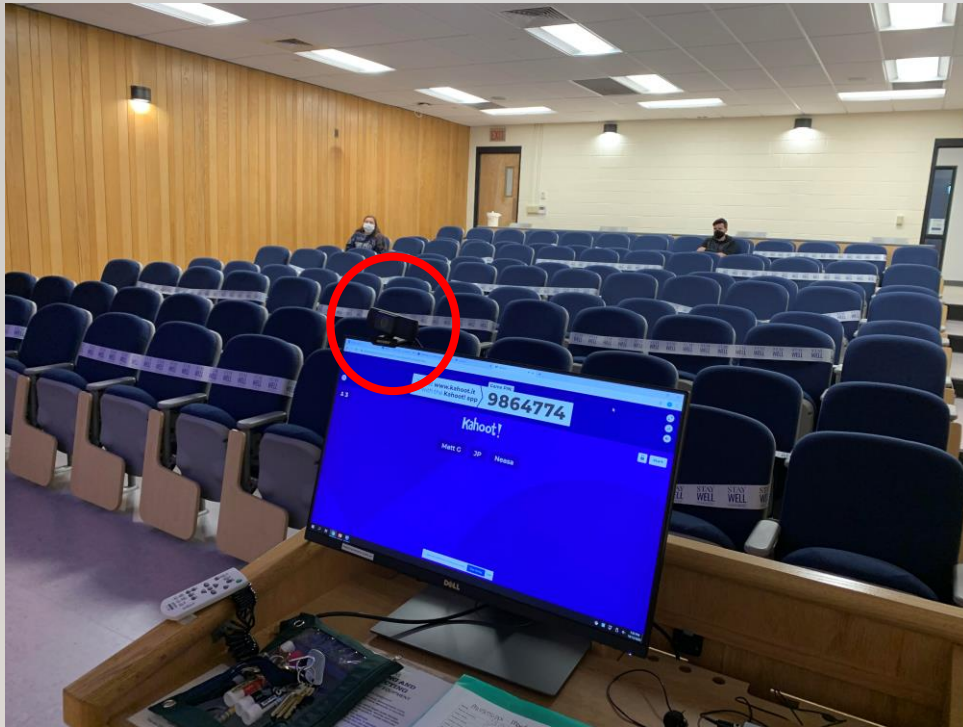


CLASS MEETINGS

- Two camera view – screen share & white board.
 - “Pin my video”
- Or sign on from two devices
- A Custom Layouts feature is coming later this year.



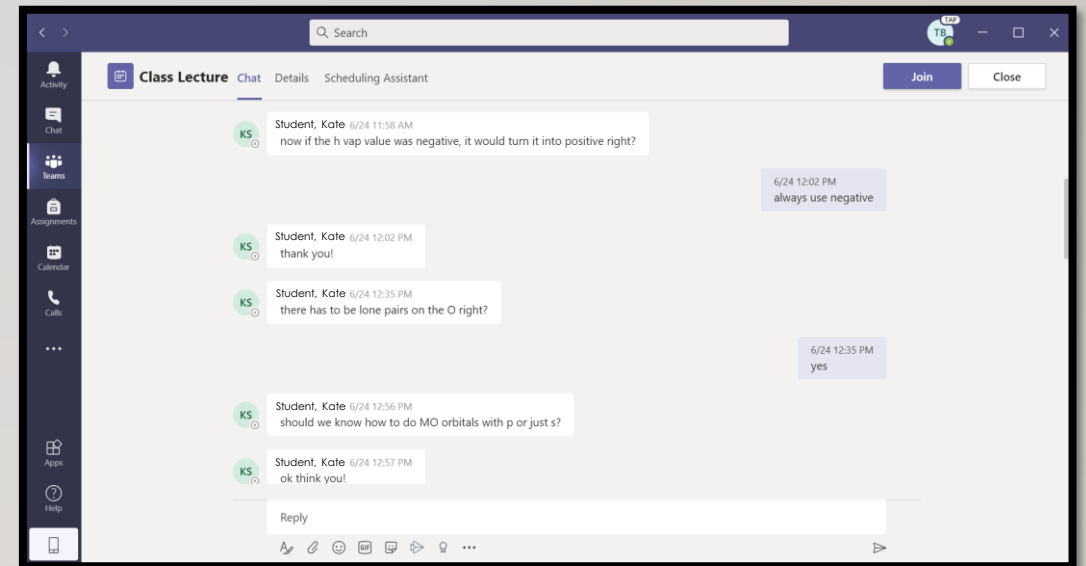
CLASS MEETINGS



- Used to record hybrid classes
- Screenshare
- Webcam
- Whiteboard app

STUDENT INTERACTION

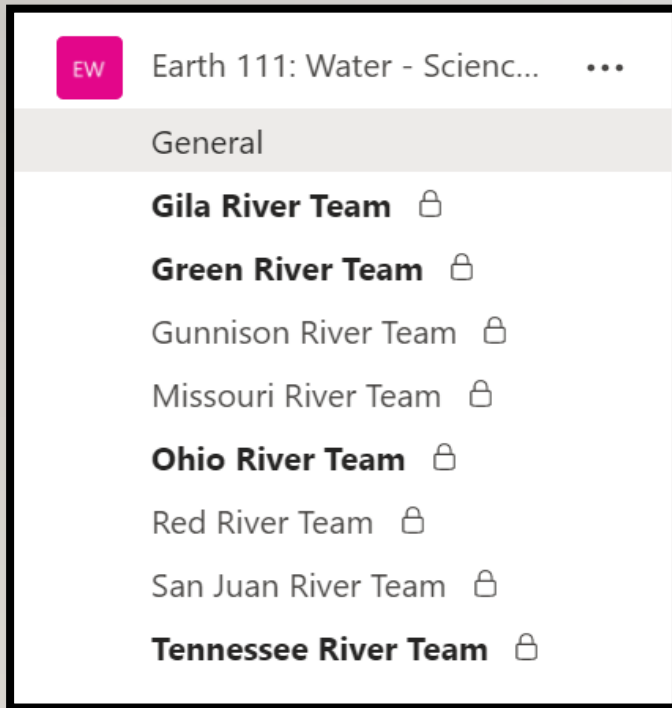
- Chat
 - Nonintrusive, easy to see during lecture
 - Can view chats any time – they are saved within your Team
 - Chat will save as one continuous chat if your class is a recurring meeting, but date and time is included with each entry.



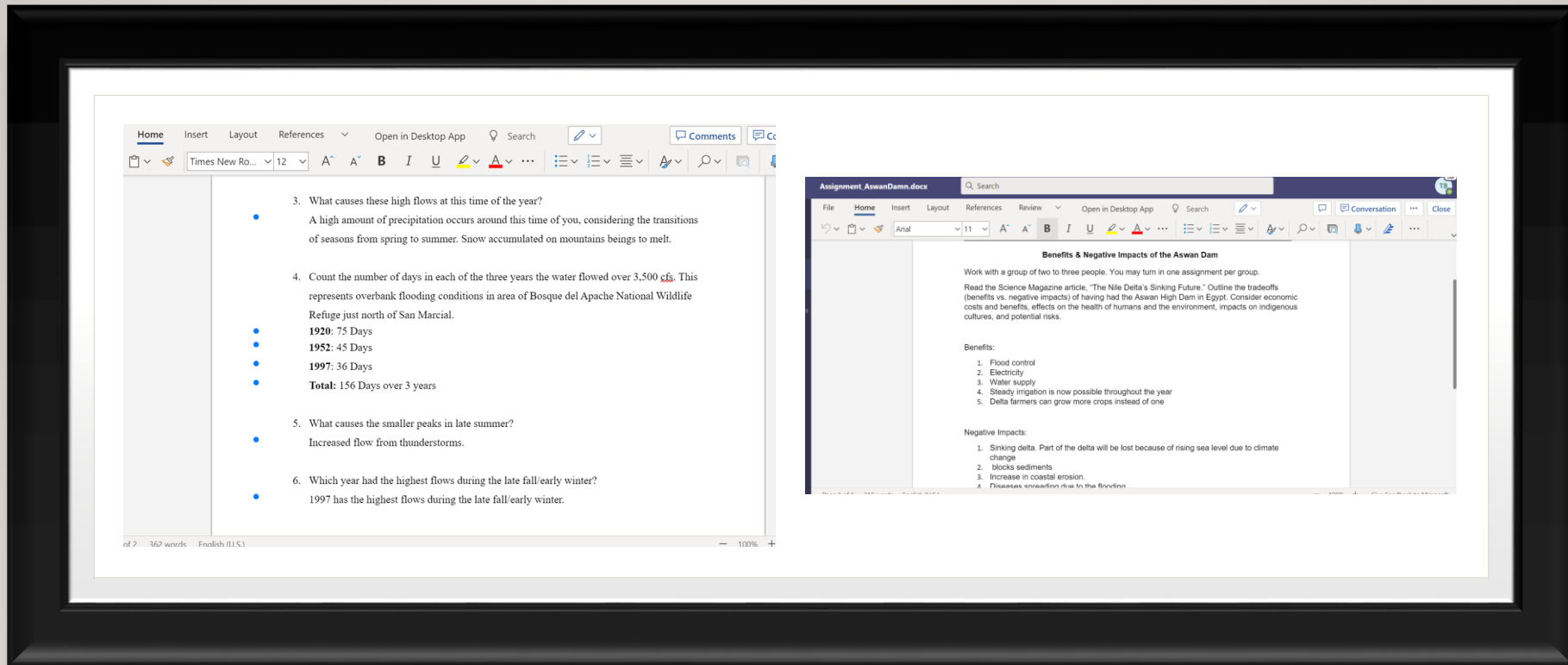
STUDENT INTERACTION

- For sample problems, students would unmute and answer verbally.
- Can run office hours on Teams
- Can create a one-on-one meeting outside of the Class Team.
- During exams, started meeting and took questions as students popped in.

GROUP WORK




- Create a channel for each group
- Creating a channel creates a shared folder that all members can access.
- Students can set up a meeting any time in their channel
- Any student on the team can begin the meeting – no need for a “host”.
- Easy connection to Microsoft SharePoint & One Drive.



COLLABORATION ON GROUP PROJECTS

POLLING YOUR STUDENTS

- Using **Forms** app, can enter a poll question into your channel or chat.
- A poll question can be added during a meeting as well.

 **Forms**
Powered by Microsoft Forms

×

Create a new poll

Question

Option 1

Option 2

+ Add option

☐ Multiple answers

Next

POLLING YOUR STUDENTS

EW

General Posts Files Text Book Website +

Team Meet

Try @mentioning a student or teacher to begin sharing ideas.

Forms 8/7 9:30 AM

Black, Theresa Maureen created a poll
Results are visible to everyone; Names recorded

Why are you taking Earth 111?

☐ It is required for my major program

☐ For a general education science credit

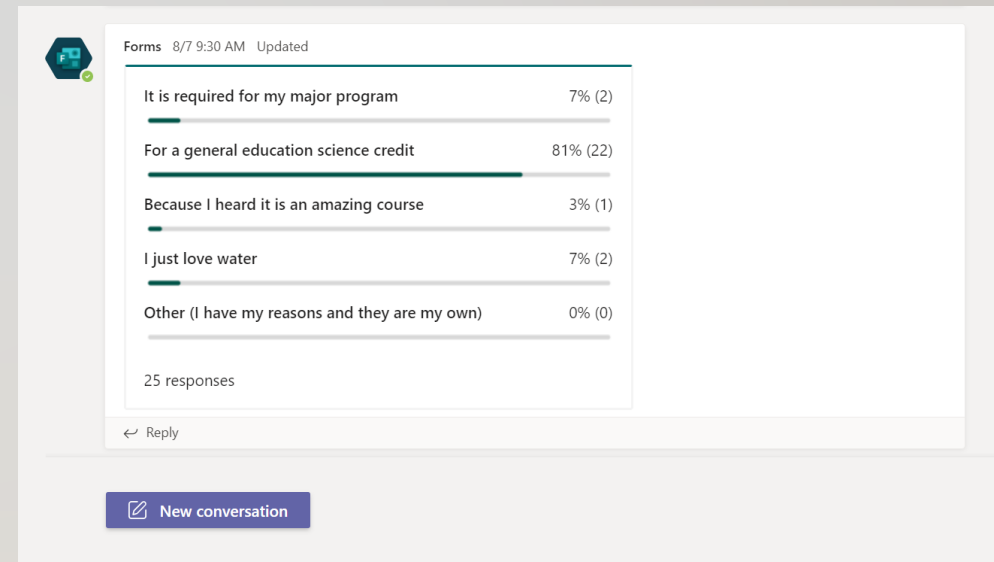
☐ Because I heard it is an amazing course

☐ I just love water

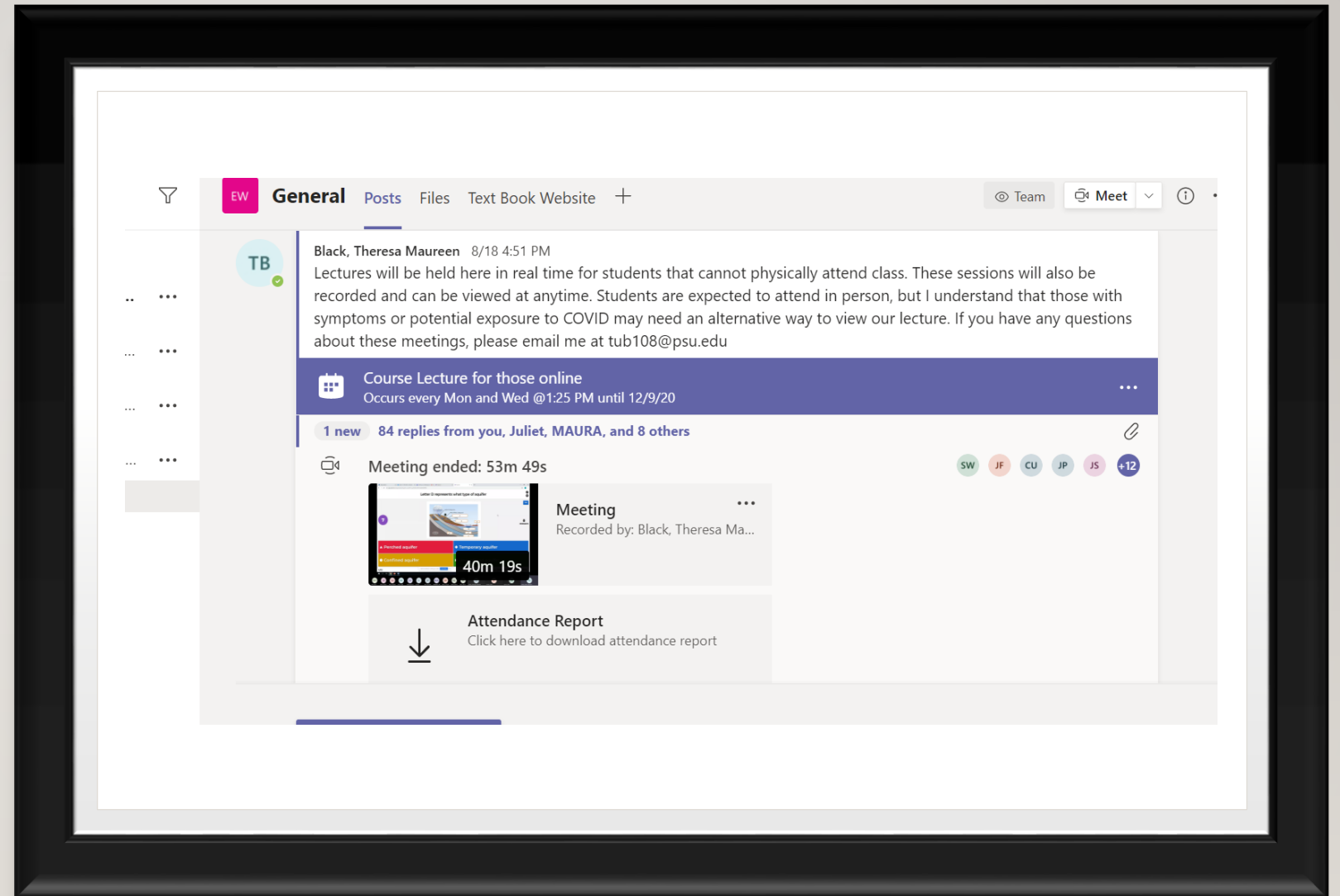
☐ Other (I have my reasons and they are my own)

Submit Vote

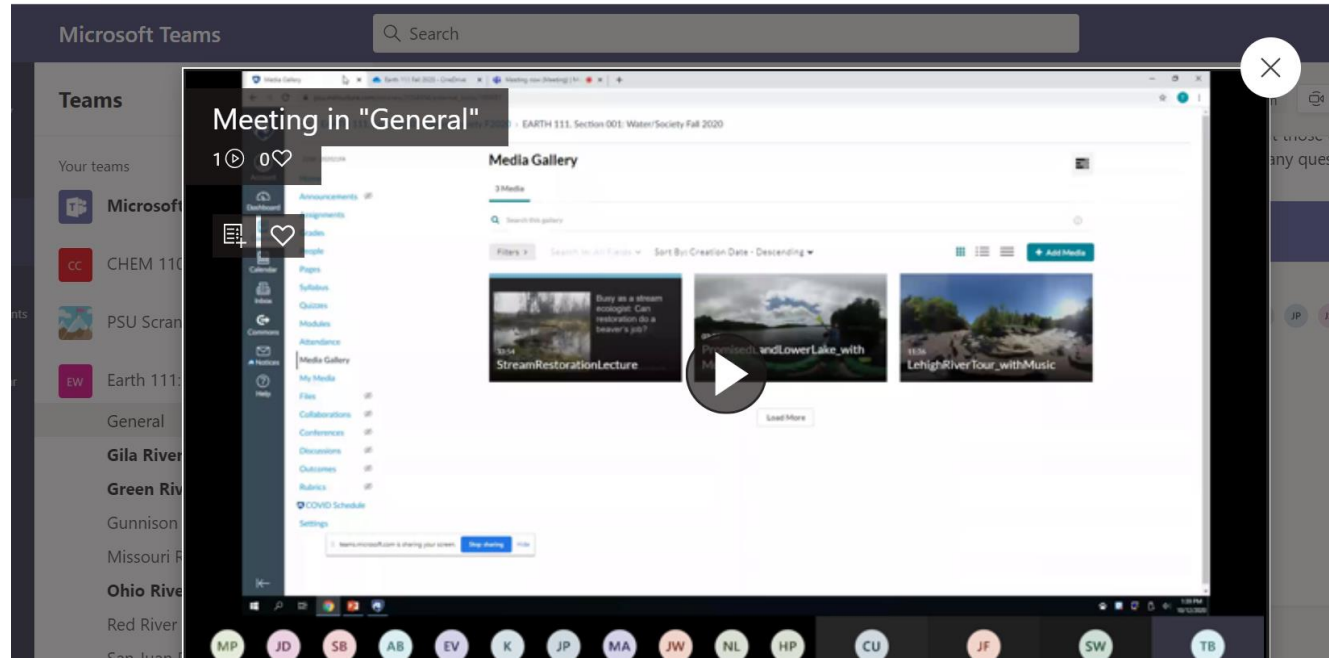
New conversation



CLASS RECORDINGS

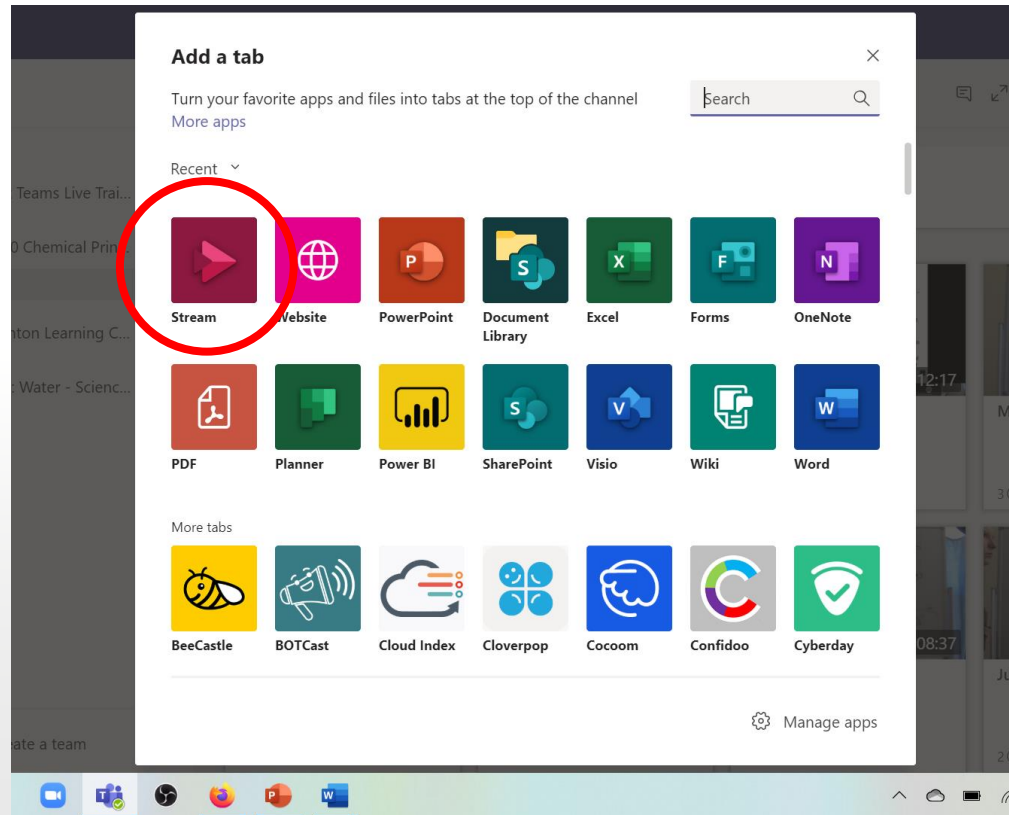


CLASS RECORDINGS



CLASS RECORDINGS

- Don't need to share a link; recordings are automatically processed and are saved in Stream
- For ease, can create a Tab in your Team for recordings



CLASS RECORDINGS

The screenshot displays the Microsoft Teams application window. On the left is a dark blue sidebar with navigation icons for Activity, Chat, Teams, Assignments, Calendar, Calls, and a 'Join or create a team' button at the bottom. The main area is divided into two panes. The left pane, titled 'Teams', lists 'Your teams' including 'Microsoft Teams Live T...', 'CHEM 110 Chemical Prin...', and 'General'. The 'General' team is selected. The right pane, titled 'Class Recordings', shows a grid of video thumbnails. Each thumbnail includes a title, a duration, and a play button icon. The thumbnails are arranged in two rows of four. The first row includes 'June 24th Lecture' (01:53:08), 'June 24th Whiteboard' (01:53:12), 'June 18th Lecture' (02:12:17), and 'May 20th Whiteboard' (02:14:52). The second row includes 'June 3rd Lecture' (02:05:46), 'June 4th Whiteboard' (02:01:42), 'June 1st Whiteboard' (02:08:37), and 'June 11th Whiteboard' (02:11:23). At the bottom of the screen is a Windows taskbar with various application icons and a system clock showing 5:56 PM on 7/12/2020.

Activity Chat Teams Assignments Calendar Calls

Search

Teams

Your teams

- Microsoft Teams Live T...
- CHEM 110 Chemical Prin...
- General
- PSU Scranton Learning C...
- E1 Earth 111: Water - Scienc...

Class Recordings

31 videos | 0 followers

Microsoft Stream

June 24th Lecture 01:53:08

June 24th Whiteboard 01:53:12

June 18th Lecture 02:12:17

May 20th Whiteboard 02:14:52

June 3rd Lecture 02:05:46

June 4th Whiteboard 02:01:42

June 1st Whiteboard 02:08:37

June 11th Whiteboard 02:11:23

Join or create a team

5:56 PM 7/12/2020

DIFFICULTIES



Must manually add email addresses of students



~~Taking attendance~~



~~Number of students visible in panel is limited to 9~~

UPCOMING FEATURES

What's New in Microsoft Teams for Education | September 2020

<https://techcommunity.microsoft.com/t5/education-blog/what-s-new-in-microsoft-teams-for-education-september-2020/ba-p/1727261>

What's New In Microsoft Teams | September 2020

<https://techcommunity.microsoft.com/t5/microsoft-teams-blog/what-s-new-in-microsoft-teams-september-2020/ba-p/1726562>

New capabilities for Teams Management | Ignite 2020

<https://techcommunity.microsoft.com/t5/microsoft-teams-blog/new-capabilities-for-teams-management-ignite-2020/ba-p/1695234>



STAY UP-TO-DATE

Microsoft 365 Roadmap

<http://aka.ms/M365Roadmap> (select “Microsoft Teams” from Products)

UserVoice

<https://microsoftteams.uservoice.com/>

Teams Blog

<http://aka.ms/TeamsBlog>



ACKNOWLEDGEMENTS

- My Summer 2020 Chem 110 class for their active participation (and being my guinea pigs)
- My Fall 2020 Earth 111 class, working hard in tough times
- Penn State University
 - Griff Lewis, Our campus Instructional Designer

QUESTIONS?

