



Why Use Whiteboards

Facilitate Active Learning

The whiteboard feature will allow you to share a whiteboard that you and other participants (if allowed) can annotate on.

For example, try using whiteboard to:

- Demonstrate or clarify concepts freehand
- Invite students to annotate to clarify questions

Facilitate Classroom Experience

The Whiteboard function is an interactive tool used to enhance understanding through demonstration and clarification of questions.

Only have one student annotate at time

Able to only share one screen at time (i.e. can only share PowerPoint or whiteboard, not both)

Whiteboards can also be used in breakout rooms to facilitate discussion

Tips and Tricks

- As best you can, pre-determine at what points in your lecture you will use whiteboard
- Encourage students to “raise” their hand in the participant function to request annotation or use of their own white board when clarifying a questions
- Its recommended to use dual screens to monitor the chat and participant features for questions.

Dual Monitors: Different Combinations

Dual monitors add flexibility to managing and moving the chat, participant & poll panels. Below are ideas of combinations of devices:

1. Non-touchscreen Laptop, 2nd monitor and iPad:
 - a) Laptop: primary screen hosting presentation
 - b) 2nd monitor: placement of chat, participant & poll panels to observe students
 - c) iPad: supplemental screen for Whiteboard or other annotation (see 3rd slide)
2. Touchscreen laptop and 2nd screen:
 - a) Touchscreen laptop: primary screen hosting presentation & whiteboard/annotation
 - b) 2nd Monitor: placement of chat, participant & poll panels to observe students
3. iPads and Laptops can serve as dual monitors if you have a specialized dongle (i.e. move cursor between screens):
 - a) iPad: primary screen hosting presentation & whiteboard/annotation
 - b) Laptop: placement of chat, participant & poll panels to observe students
4. Alternative dual monitor option: log into Zoom meeting from both devices. Shows up as 2 participants.

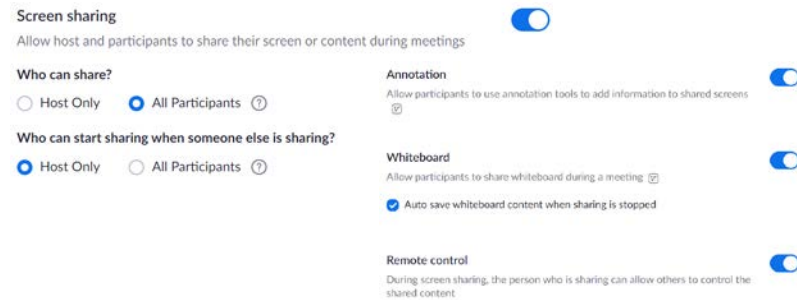


Whiteboard-Instructor

Option 1: Initiate Whiteboard session from touchscreen device (Laptop/iPad/Tablet,etc)

Configure Whiteboard Settings:

1. Log in to **dartmouth.zoom.us**.
2. Select **Settings** in the left menu.
3. Within settings, navigate to **Screen sharing, Annotation, Whiteboard, Remote Control**.
4. Next to each, click the **toggle to On**.
5. Select the option to Auto save whiteboard content when sharing is stopped under **Whiteboard**, unless you prefer otherwise.



Download Zoom Client for your laptop:

1. Log in to **dartmouth.zoom.us**.
2. Click **Download Desktop Client**
3. Download **Zoom Client for Meetings**

Download Zoom Client for your device:

1. Download from App Store or Google Play
2. Open & Log into App. Dartmouth 2 factor identification will be required.

Initiate Whiteboard in Zoom (choose one):

Touchscreen Laptop or iPad (Primary Screen)

1. Initiate Zoom session from Zoom client on laptop
2. Click Share icon on tool bar
3. Click Whiteboard -> Share
 - Use same process to share any document
 - Annotation can be used for any document including whiteboard
4. Use stylus or Apple Pen for more precision
5. Setbacks:
 - a) iPad: Depending on version, screen may be small and difficult to manage all Zoom features



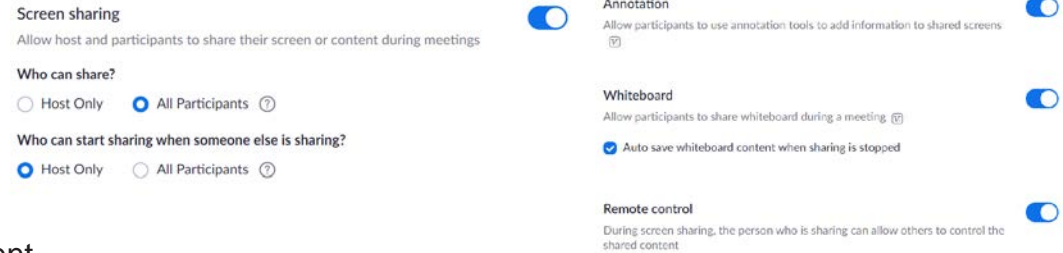
Whiteboard-Instructor

Option 2: Combination: Using Laptop & Supplemental Device (iPad/iPhone/etc)

Guidance: Choose this option if using non-touchscreen laptop for main presentation and supplemental device for whiteboard only. Some may prefer this option as an iPad screen maybe too small to comfortably manage all the Zoom features for a lecture.

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4. Next to each, click the **toggle to On**.
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Download Zoom App for your device:

1. Download from App Store or Google Play
2. Open & Log into App. Dartmouth 2 factor identification will be required.

Initiate Whiteboard in Zoom:

Laptop

1. Start Zoom session from Zoom client on laptop
2. Use Laptop as primary screen to manage presentation, polls, participant, and chat panels.

Supplemental Device (iPad)

1. Open Zoom App. Join Zoom meeting using meeting ID provided in URL
2. Both laptop and supplemental device shows up as 2 participants in meeting.
3. Click Share icon on tool bar & choose Whiteboard. Annotation toolbar should appear.
4. Use stylus or Apple Pen for more precision

Note:

- ❖ iPhones can annotate but not initiate whiteboard