



Comprehensive Guide to Educating Through Zoom

The purpose of this guide is to help outline how different individuals within the K-12 schooling system can leverage Zoom in a virtual learning environment. It is broken up into four sections so you can access the materials that are relevant to you. If it's your first time using Zoom, reference section 1 for everything you need to get started using Zoom. When signing up for Zoom account, you will be asked to verify you're 16 or older. Students under 16 are not eligible to sign up for Zoom at this time, however they can join a meeting/class setup by a teacher with an account. If you have any issues or questions, please reach out to support@zoom.us.

Review the [Zoom for K-12 Schools & Districts Privacy Policy](#) available here:

www.zoom.us/childrens-privacy which is designed to reflect Zoom's compliance with the requirements of COPPA, the California Consumer Privacy Act ("CCPA"), the Federal Education Rights and Privacy Act ("FERPA"), and other applicable law.

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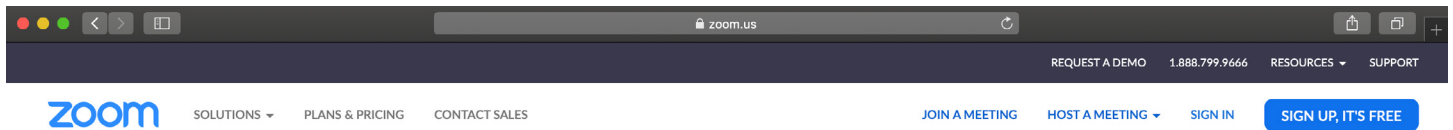
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Section 1: Getting Started on Zoom

1. How to Sign Up for the First Time

1. Start by going to zoom.us.



2. On the top right corner, click on the blue “Sign Up, It’s Free” button.
3. Enter your school email address and click “Sign Up”.

Sign Up Free

Your work email address

Zoom is protected by reCAPTCHA and the [Privacy Policy](#) and [Terms of Service](#) apply.

Sign Up

By signing up, I agree to the [Privacy Policy](#) and [Terms of Service](#).

4. You'll receive an email from Zoom to activate. Go to your email and click Activate Account.

The Zoom logo is displayed in blue.

Hello

Welcome to Zoom!

To activate your account please click the button below to verify your email address:

Activate Account

5. You'll be redirected to fill in your first name, last name, and create a password.



Welcome to Zoom

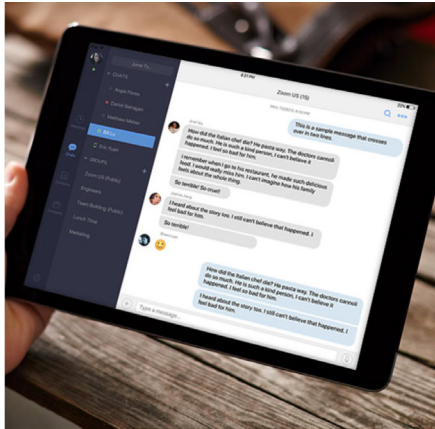
Hi, info@diamondmountainoutfitters.com. Your account has been successfully created. Please list your name and create a password to continue.

By signing up, I agree to the [Privacy Policy](#) and [Terms of Service](#).

Continue

The Zoom logo is displayed in blue.

- If you'd like to invite other administrators or staff members to sign up for their own Zoom accounts, you can enter their email addresses & select the "I am not a robot" checkbox. Otherwise, select "Skip this step".



Don't Zoom Alone.

Invite your colleagues to create their own free Zoom account today! [Why invite?](#)

name@domain.com

name@domain.com

name@domain.com

[Add another email](#)

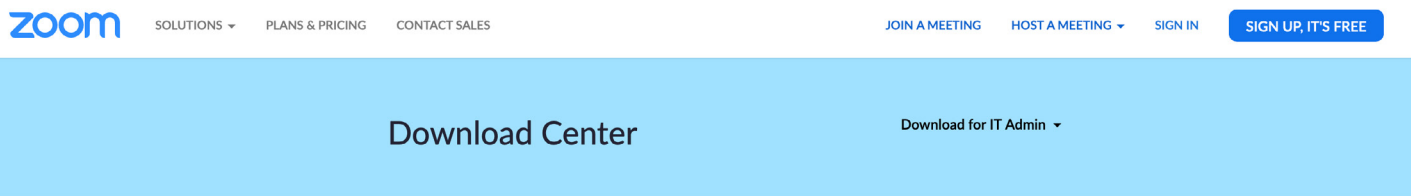
I'm not a robot reCAPTCHA Privacy - Terms

[Invite](#) [Skip this step](#)

- You're good to go!

2. How to Download the Zoom Client

- Start by going to <https://zoom.us/download>.
- Click the blue "Download" button under Zoom Client for Meetings to access the installer.



Zoom Client for Meetings

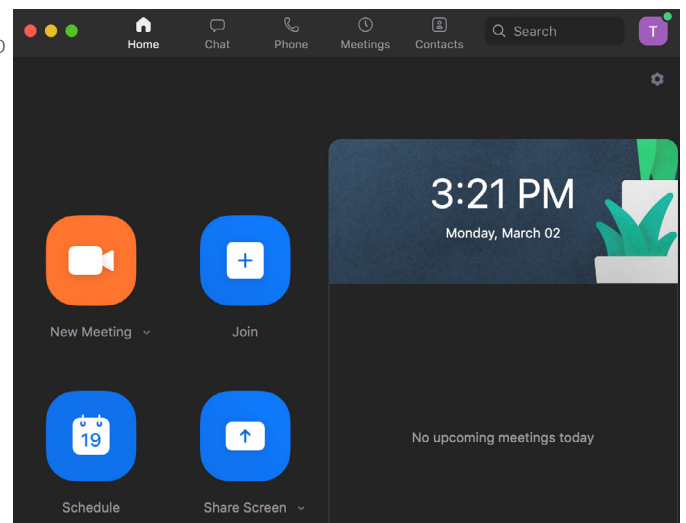
The web browser client will download automatically when you start or join your first Zoom meeting, and is also available for manual download here.



- Open the Zoom installer from your Downloads folder and follow the on-screen steps to set up your Zoom Client.
- If joining via a Chromebook, download the Zoom app through the [Chrome Web Store](#) to join a meeting.

3. How to Schedule a Meeting

- Option 1: Scheduling through the desktop app**
 - Open the Zoom desktop app.
 - Click on the Home button at the top left.
 - Press the Schedule button.



4. Enter in Topic, Date, and other related details and press Schedule. It is recommended that you make Registration required when scheduling a meeting, as that allows you to generate a registration report after the meeting is over. More information can be found here: <https://support.zoom.us/hc/en-us/articles/216378603>

- **Option 2: Scheduling online**

1. Go to <https://zoom.us/meeting> (You may be prompted to sign in but will be redirected to the page after)
2. Click the blue “Schedule a New Meeting” button in the top left corner
3. Enter in Topic, Date, and other related details and press Schedule. It is recommended that you make Registration required when scheduling a meeting, as that allows you to generate a registration report after the meeting is over. More information can be found here: <https://support.zoom.us/hc/en-us/articles/216378603>

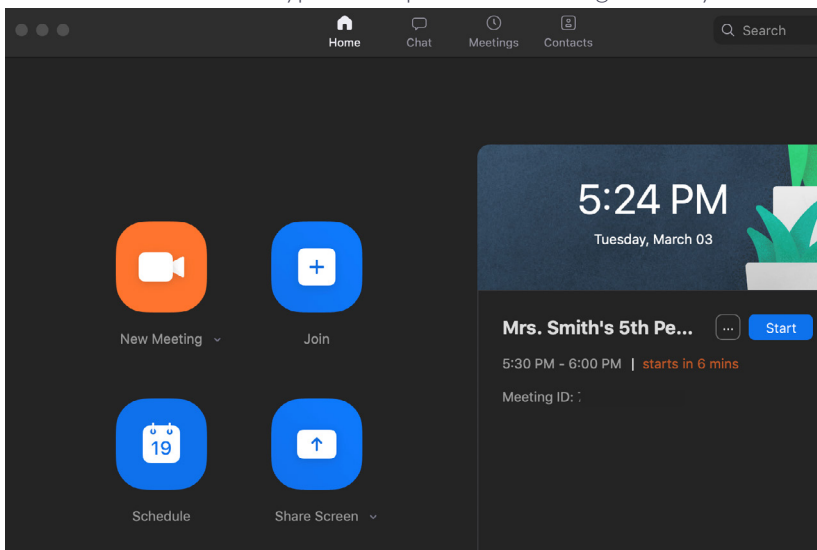
- **Option 3: Scheduling in your Learning Management System (LMS)**

If you have a Learning Management System (LMS), Zoom's LTI Pro integration allows you to connect Zoom with your LMS and includes an extended feature set of what is offered in the basic LTI. <https://zoomappdocs.docs.stopligh.io/lti-pro-v2/welcome/getting-started>

1. Log in to your LMS and go to the Zoom external tool link
2. Click on the Schedule a Meeting button
3. Enter in Topic, Date, and other related details and press Schedule. It is recommended that you make Registration required when scheduling a meeting, as that allows you to generate a registration report after the meeting is over. More information can be found here: <https://support.zoom.us/hc/en-us/sections/200305523-LTI-LMS-Systems>

4. How to join a Class/Meeting

- Option 1: Join via meeting URL
 - Open the email, newsletter, calendar invite, or other communication that contains a link to the pre-scheduled meeting and click the URL to join the Zoom Meeting.
- Option 2: Join through desktop client using the Meeting ID.
 - Open the Zoom desktop app.
 - Click on the Home Button.
 - Click Join and type in the provided Meeting ID and your name.



- Option 3: Join using the Web client/browser.
 - By default, users will now need to sign in to their Zoom account or create a Zoom account when joining a meeting with the Web client. This can be disabled by the Admin or the User from their settings page.
 - Once you're in the meeting, you may choose to connect audio in three different ways:
 - Using computer audio (recommended).

- Dialing into a conference bridge from your phone (paid account).
- Have Zoom call you by entering your phone number and your meeting will call your phone (paid account).

5. Best Practices while in a Class/Meeting

- Sign in to the Zoom desktop client and stay signed in.
- Check your internet speed. If you're on free wifi you may need to keep your camera off to improve quality.
- Turn your camera on and have you camera at eye level.
- Stay muted unless you're talking to reduce background noise.
- Make sure you sit in a well lit and quiet place.
- Be mindful of what's going on behind you. Think about having solid wall behind you or turning on the virtual background.

Section 2: Administrators Guide to Managing Zoom

Rolling out Zoom

Zoom cares about our communities, their schools, and all students. Recent school closures as a result of COVID-19 have significantly increased educators' reliance on virtual learning environments. We want to share with our valued educational customers best practices that can be implemented to ensure your school is using Zoom's services in ways that best promote the safety and privacy of the students, teachers, and administrators who are your users. These best practices will help you create and maintain a safe and secure learning environment for your users, especially for K-12 schools. But, many of these practices will be applicable to higher education institutions as well.

Be sure to obtain parental consent

Please remember that the obligation to obtain parental consents, where required, as it pertains to students and their data rests with our educational customers. Zoom relies on you to obtain consent from parents for their children to use the Zoom services. Your organization should be able to demonstrate compliance with the parental consent requirements contained in the Children's Online Privacy Protection Act ("COPPA") and other applicable laws.

Supervised Account Creation

Students under the age of 16 should not go to www.zoom.us to create an account because (i) they should only be joining Zoom meeting sessions as participants (not separate account holders) through the School Subscriber's account and (ii) minors are not permitted to create an account per Zoom's Terms of Service. The School Subscriber's account administrator (e.g., teachers) should securely and confidentially provide meeting information and meeting passwords to the student users to ensure the school can maintain supervision and control over its student users' meeting experiences.

MSI Option

Account administrators can use this tool to mass configure the Zoom desktop client with the appropriate user settings and ensure those settings apply to each download with your school's account. For more information, please visit the links below:



<https://support.zoom.us/hc/en-us/articles/201362163-Mass-Installation-and-Configuration-for-Windows>

<https://support.zoom.us/hc/en-us/articles/115001799006-Mass-Deployment-with-Preconfigured-Settings-for-Mac>

Only allow users to join meetings within your organization's account

If you issue student devices, you can lockdown the Zoom client to only allow users to join meetings from within your school's account. This ensures that Zoom can only be used for school related purposes.

Require sign in to account to attend meetings

If using a school email address, enabling this setting requires users to log in securely to participate in a meeting hosted by your school, ensuring that each meeting participant is monitored and identified. For further details, please visit: <https://support.zoom.us/hc/en-us/articles/360037117472-Authentication-Profiles-for-Meetings-and-Webinars>

Meeting Registration

Meeting hosts can ensure that only registered and approved participants can attend a meeting. For further details, please visit: <https://support.zoom.us/hc/en-us/articles/211579443-Registration-for-Meetings>

In Meeting Security and Controls

The meeting host has a variety of controls they can use to secure their meeting. By default, Zoom has enabled the Waiting Room feature, required a meeting password, and set screen sharing to "Host Only" for a more secure meeting. For more information, visit <https://support.zoom.us/hc/en-us/articles/115005759423>

- Prevent Participants from Screen Sharing: By default, only hosts are able to screen share to prevent disruptions. If you choose to allow others to share, the host can click the arrow next to Share Screen and click Advanced Sharing Options. Under "Who can share?" choose "All Participants" and close the window.
- Waiting Room: By default, waiting room has been enabled which allows the host to control when a participant joins a meeting. When in a meeting, click manage participants and "Admit" to allow participants into your meeting.
- Meeting Password: By default, Zoom requires a meeting password for education. When creating a meeting, the password is embedded into the meeting/webinar links. When manually entering a meeting ID, the user will always be prompted to enter the password.
- Lock the Meeting: when you're in the meeting, click Participants at the bottom of your Zoom window. In the participants pop-up box, you will see a button that says Lock Meeting. When you lock the meeting, no new participants can join, even if they have the meeting ID and password.
- Expel a Participant: still in that participants menu, you can mouse over a participant's name, and several options will appear, including Remove. Click that to kick a participant out of the meeting. They can't get back in if you then click Lock Meeting.
- Attendee On-Hold: if you need a private moment, you can put attendees on-hold. The attendee's video and audio connections will be disabled momentarily. Click on the attendee's video thumbnail and select Start Attendee On-Hold to activate this feature.

- **Disabling Video:** Instructors can turn participant video off and request to start participant video. This will allow instructors to block unwanted, distracting or inappropriate gestures on video.
- **Mute participants or Mute All:** Instructors can turn mute / unmute participants or all. This will allow instructors to block unwanted, distracting or inappropriate noise from the meeting.

Disable private chat

To ensure that students focus on the lesson at hand, meeting hosts can limit students' ability to chat amongst one another while a meeting is in session or in-meeting chat can be disabled in its entirety. For instructions, please see: <https://support.zoom.us/hc/en-us/articles/115004809306-Controlling-and-Disabling-In-Meeting-Chat>

Disable Group Messaging account-wide or restrict student IM contacts

You can restrict the usage of Group Chat and Instant Messaging (out of meeting chat) or limit chat only to certain contacts such as Instructors or Counselors, restricting the possibility of students posting or disclosing any personal information to other students publicly. This can be done with IM groups. For instructions please see: <https://support.zoom.us/hc/en-us/articles/203749815-Managing-IM-groups>

Tips for Administrators

1. How to Add Users to your Account

- **Option 1: Upload CSV File** - You can add or update Zoom users by uploading a CSV file. You can also add users one at a time with user management. For instructions visit: <https://support.zoom.us/hc/en-us/articles/204581939-Batch-importing-and-updating-users>
- **Option 2: Managed Domains** - You can set up your account to add existing users using your school's email address domain. Once set up, users with your specific domain will be prompted to join your account when they sign into Zoom. For instructions visit: <https://support.zoom.us/hc/en-us/articles/203395207-What-is-Managed-Domain->
- **Option 3: Single Sign On (SSO)** - If your school uses SSO, this allows you to login using your company credentials. Zoom SSO is based on SAML 2.0. For further instructions on how to get started or supported SSO providers visit: <https://support.zoom.us/hc/en-us/sections/200305453-Single-Sign-On>

2. How to communicate to Students/Guardians

- **Option 1: Through your LMS (Schoology, Canvas, Blackboard, etc)** - If using an LMS, you can set up your Zoom class meetings ahead of time that allows students and teachers to simply start and join Zoom meetings via a join link that is displayed on the LMS course, share cloud recording links to the course, and auto-provision Zoom users when they first access Zoom via your LMS. To get started visit: [marketplace.zoom.us](https://marketplace.zoom.us/apps/f8JUB3eeQv2IXsjKq5B2FA). <https://marketplace.zoom.us/apps/f8JUB3eeQv2IXsjKq5B2FA>

- **Option 2: Email/E-newsletter/Calendar** - Utilize your email, e-newsletter, calendar, chat, or other online documents to send teachers, students, and guardians links to their recorded or live classes that you've scheduled with instructions for the day's lessons.

3. **Tips and Tricks for Administrators and Staff**

- **Schoolwide Announcements**

- Utilize communication methods such as email, e-newsletter, chat, or other online documents to send teachers, students, and guardians links to their recorded or live classes that you've scheduled with instructions for the day's lessons.
- Conduct virtual morning announcements/assemblies to share the latest news and information about your school
- Host virtual staff meetings to check in with your staff and ensure they have the necessary resources and support

- **IT Support**

- Any software or hardware related issues that teachers encounter can be resolved virtually through Zoom meetings, screen share, & remote desktop access

- **Counseling Services**

- Offer school counseling services to support students, teachers, and staff emotionally through difficult & stressful times.
- Guidance counselors can stay connected to high school juniors & seniors to help with college planning

- **Professional Development**

- Host training sessions with teachers to cover online learning strategies and to collaborate with their peers on best practices.

Section 3: Teacher's Guide to Educating on Zoom

1. **How to Host an Ad-hoc Meeting**

1. Start by opening your Zoom desktop app and clicking the **Home** button
2. Press the **New Meeting** button.
3. Once in the meeting, click the **Participants** button on the bottom of the screen then invite additional users.

2. **Recording a Zoom Meeting**

- When in a meeting, click the **Record** button.
- To access recording links, go to zoom.us/recording in your browser. You will be prompted to enter your login credentials if you are not logged into your Zoom account.

- Press the **Share** button next to the recording you'd like to distribute. You can update the sharing settings and distribute them using the provided link.

3. **Delivering Virtual Instruction**

- **Teaching Live using Zoom (Synchronous)**

- Teachers can schedule Zoom meetings and post the meeting links in either their Learning Management System's classroom, or simply on an organized online document.
- Teachers and students will click on the meeting link at the appropriate time and conduct class as usual.

- **Recording Classes Via Zoom (Asynchronous)**

1. Start a Zoom meeting.
2. Press the record button
3. Teach your lesson
4. End meeting, and send the link to the recording with detailed expectations including assignments. (When you share the meeting, click the box that says, "require registration" This will allow you to see who has viewed the video)

4. **Commonly Used Controls in Zoom**

- **Security Icon in Toolbar**

- Visible only to hosts and co-hosts of Zoom Meetings, the Security button provides easy access to several existing Zoom security features, as well as a new option to turn on the Waiting Room in-meeting. This button allows you to remove participants, lock your meeting, and decide if you want to allow your participants to screen share, chat, rename themselves, and annotate on shared content.

- **Managing Participants**

- As the host of a class/meeting, you can manage participants such as renaming, muting, stopping video and other controls for participants. For more, visit: <https://support.zoom.us/hc/en-us/articles/115005759423-Managing-participants-in-a-meeting>

- **Video ON/OFF**

- Once in a meeting, you can turn your video on by clicking the "Start Video" icon on the bottom left of your screen. To turn it off, click the "Stop Video" icon. For more, visit: <https://support.zoom.us/hc/en-us/articles/200941109-Attendee-Controls-in-a-Meeting>

- **Virtual background**

- Once in the meeting, you can select a virtual background by clicking the up caret to the right of the Start Video icon. For more, visit: <https://support.zoom.us/hc/en-us/articles/210707503-Virtual-Background>

- **Muting**



- To ensure minimal background noise during your Zoom meeting, it is recommended that you mute everyone on the call when they're not talking. To do this, click on the Participants icon at the bottom of your screen click Mute All in the side panel. For more, visit: <https://support.zoom.us/hc/en-us/articles/203435537-Mute-All-And-Unmute-All>

- **Chat in a meeting**

- Meeting participants can ask questions during a Zoom Meeting via the meeting chat. Start by clicking the "Chat" icon on the bottom right of your screen.
- Once the chat panel will open up on the right, you can view and respond to all public chats.
- Use the three dots to choose whether you want to send messages to all meeting attendees or the host privately.
- *Note: Private chats will not be visible to the host. To control and disable in-meeting chat, visit: <https://support.zoom.us/hc/en-us/articles/115004809306-Controlling-and-Disabling-In-Meeting-Chat>

- **Sharing Screen**

- Click the "Share Screen" icon at the bottom of your screen to share your desktop.
- If you'd like to share specific windows or applications, you can choose to do so from the dialog box.
- For more, visit: <https://support.zoom.us/hc/en-us/articles/201362153-How-Do-I-Share-My-Screen->

5. Teaching Over Video

- **Tips and tricks for Virtual Lessons**

- For your first class, set aside some time to introduce your students to Zoom and ensure that they're able to connect their audio and video.
- Give an agenda or plan for each class by Screen Sharing a document or slide at the beginning of class. This gives students a clear idea of how the class will progress, what will be covered, and the activities they'll engage in.
- Discuss online etiquette and expectations of the students in your first virtual class and periodically revisit the topics.
- Utilize the Whiteboard or Annotate a shared document and let your students engage as well. When sharing a whiteboard, document, screen, or image, try whiteboarding math problems or have a student use annotation to highlight items such as grammar mistakes in a paper you're sharing.
- Take time to promote questions, comments, and reactions from your class. Give a minute to allow your students to utilize reactions, write their questions in chat, or be unmuted to ask their questions live.
- Divide into smaller groups for a discussion on a certain topic. You can use Zoom's Breakout Room feature to either pre-assign or auto-assign students into groups for a short period of time so they may discuss

things together.

- **Tips and Tricks for Delivery**

- Pre-set your meeting to mute participant's microphones upon entry. This helps to avoid background noise and allow your students to focus on your lesson.
- Look at the camera to create eye contact with your students. This helps to create a more personal connection while teaching over video.
- Take a second to check chat or your student's video (if on camera) to check-in with your students and get feedback.
- Speak as if you're face-to-face with the class while ensuring you're at the appropriate distance from the microphone for the best audio experience.
- When delivering a presentation, sharing images, files or video, give your students a moment to open or take in what you've shared.
- Embrace the pause. Take a moment after the end of your comments and allow for students to engage before continuing on.

Section 4: Resources

- Polling: <https://support.zoom.us/hc/en-us/articles/213756303-Polling-for-Meetings>
- Breakout Rooms: <https://support.zoom.us/hc/en-us/articles/206476093-Getting-Started-with-Breakout-Rooms>
- Non-verbal Feedback: <https://support.zoom.us/hc/en-us/articles/115001286183-Nonverbal-Feedback-During-Meetings>
- Virtual Backgrounds: <https://support.zoom.us/hc/en-us/articles/210707503-Virtual-Background>
- Sharing a Screen: <https://support.zoom.us/hc/en-us/articles/201362153-How-Do-I-Share-My-Screen->
- Whiteboard: <https://support.zoom.us/hc/en-us/articles/205677665-Sharing-a-whiteboard>
- Annotation: <https://support.zoom.us/hc/en-us/articles/115005706806-Using-annotation-tools-on-a-shared-screen-or-whiteboard>
- Transcription of meetings: <https://support.zoom.us/hc/en-us/articles/115004794983-Automatically-Transcribe-Cloud-Recordings->
- Chat: <https://support.zoom.us/hc/en-us/articles/203650445-In-Meeting-Chat>
- Generating Meeting Reports for Registration and Polling: <https://support.zoom.us/hc/en-us/articles/216378603-Generating-Meeting-Reports-for-Registration-and-Polling>
- Recording: <https://support.zoom.us/hc/en-us/articles/206277393-Finding-and-Viewing-Recordings>