

Special Live Event

Art & Science: Nature as your Muse



Length of Program: 30 minutes

Program Materials:

- plain paper or notebook (per student, for sketching)
- pencil (per student)
- a leaf (per student)

Technology Requirements:

- ❖ Desktop, laptop computer, or tablet
- ❖ Strong internet connection; a wired connection is preferable.
- ❖ A projector and speakers
- ❖ Zoom application (*Make sure you have an updated version of [Zoom](#) installed on your computer. Try using the Zoom meeting test: zoom.us/test to confirm that you meet the minimum connectivity requirements.*)

Teacher Prep:

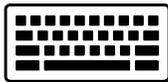
- ❖ Practice setting up your connection setup before your program time.
- ❖ Talk with your students about Expectations and Etiquette during this video conferencing program.
- ❖ Develop a back-up plan in the event of technical difficulties! We don't anticipate any problems and will do our best to ensure every class is able to connect with us on the day, but web-based technology sometimes has problems beyond our control!

Expectations and Etiquette for *All* Participants:

- ❖ THIS IS LIVE! It may look like regular television but videoconferencing is interactive. We can see and hear you just as if we were standing in the room with you. So please respect your Academy educator just like you would any visiting guests.
- ❖ Plan to take an active role in the lesson.
 - Call upon students to share observations, ask and answer the questions at the Academy educator's request.
 - Classroom management is the teacher's present in the room responsibility.
- ❖ Use the chat window to alert Academy staff of technical problems, and we will do our best to provide technological support.

What to Expect in the Day of:

- ❖ Connect with the Academy up to 5 minutes before program time. (see page Connecting Guide below for more details)
- ❖ An Academy educator will instruct students when to eat specific food.
- ❖ An active facilitator (usually you, the teacher) on the connecting side is essential to ensure a successful program. Here are some helpful icons you may see throughout the program:



Using the chat box to type students' responses, observations, or questions.



Students turn and talk with each other.



Quick-write: Students write/draw their ideas in response to prompts given by our educators.

Extended Learning:

Pre-program activity: While strongly recommended is not required to participate!

The following activity is to help students practice describing the details of an image, and imagining what a place feels like. (~20 mins)

1. Gather pictures and/or maps of nearby shorelines (a river, lake, or ocean).
2. Share with your students that during the upcoming program they will be exploring how scientists make art related to nature. Specifically, they will be exploring art about shorelines. A shoreline is where water meets land. For example, land near a river, lake or ocean.
3. Ask your students to close their eyes and think about a nearby shoreline. For the purpose of this activity, it is not necessary for each student to think of the same shoreline.
4. Then, have students turn-and-talk with a neighbor about a memory, thought or feeling they have about that place.
5. Show them pictures, and/or maps of a shoreline. Ask students to describe the things that they see, and how they imagine it might feel to be in that place.

Post Program activities:

- ❖ Explore how scientists use notebooks and drawings in the Science Notebooks Across Time lesson. (While this lesson is made for older students, you may adapt for your class)

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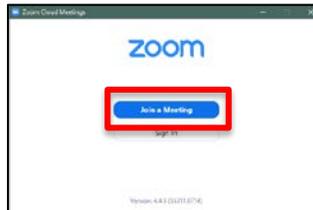
- ❖ Continue practicing your scientific sketching with the Introduction to Scientific Sketching lesson or add onto your intro skills with the [Scientific Sketching Practice](#) lesson.

Special Live Event Connecting Guide

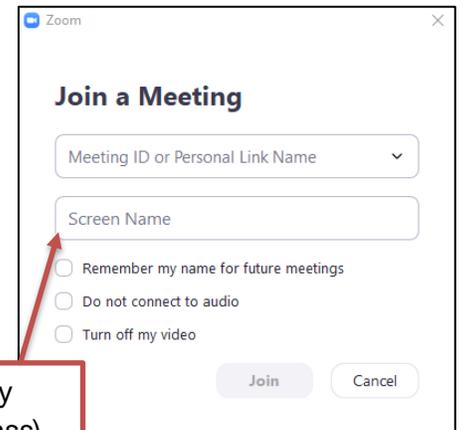
During your Special Live Event, co-hosted with Streamable Learning, students will be able to see and hear the Academy educators. Teachers will have the option to enter observations, comments and questions into a text-based chat window.

Connecting to the Academy:

1. Open the Zoom application on your computer or tablet
2. Click "Join a Meeting"

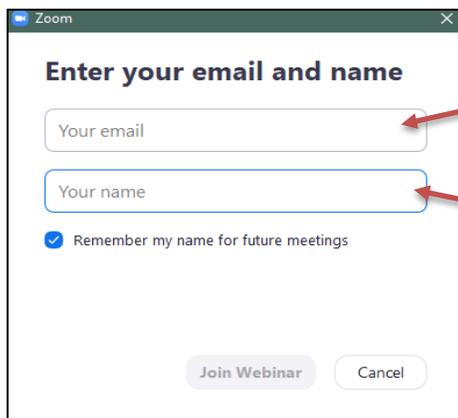


3. Enter the 9-digit Meeting ID and a Screen Name. Meeting ID was email from distancelearning@calacademy.org (Example Meeting ID: 123-456-789)



Screen Name will be used by Academy Educators to identify classes. (Example Screen Name: Ms. Ruban's 4th grade class)

4. Once you open the Zoom meeting, it will prompt you to register with "Your Email Address" and "Your Name"



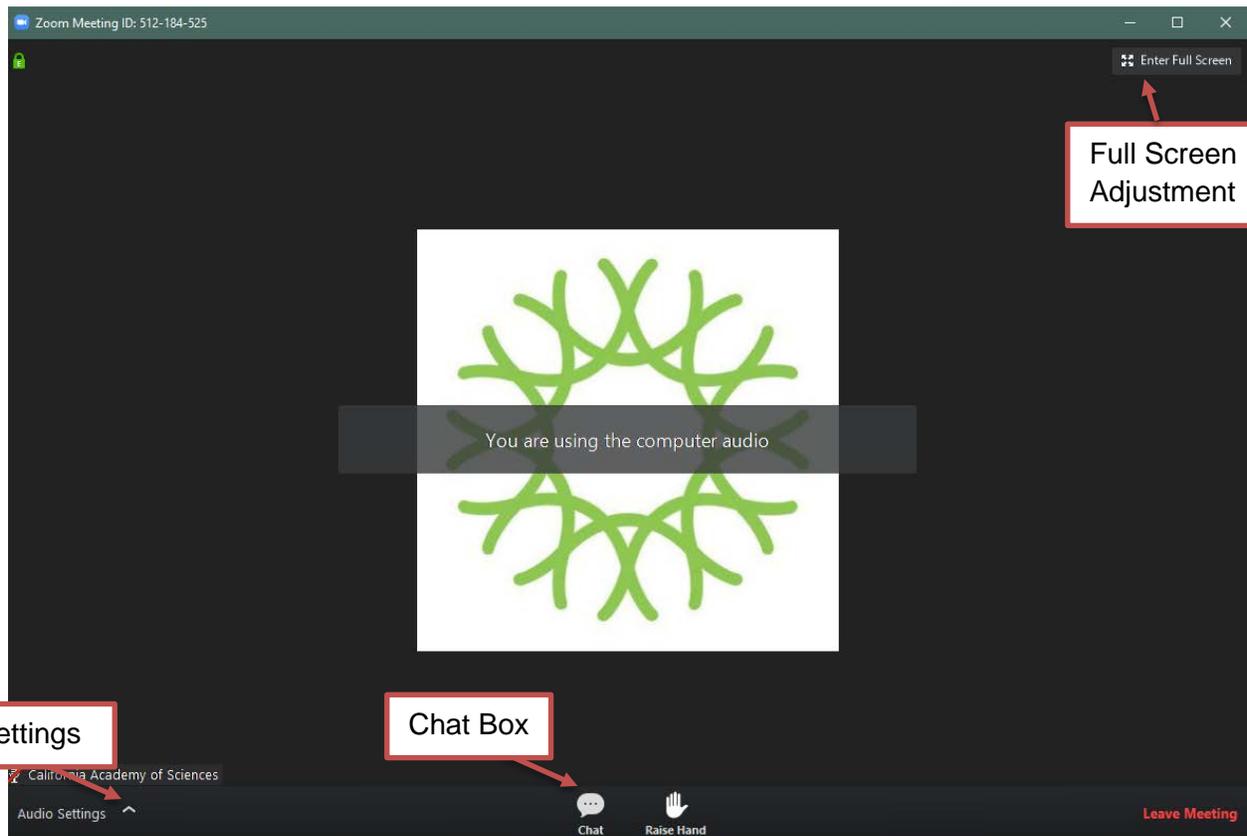
Enter the email you used to register with CAS form

Enter teacher or organizer name used to register with CAS form

5. After you join the meeting, you will be in the webinar meeting room, which should look like the image below.
6. Open the chat box to communicate with Academy Educators. Find and click on the "Chat" icon



Special Live Event Connecting Guide



Tips for Connecting to the Academy

Before the Program:

- Check to make sure the computer you plan to use has the latest version of Zoom Client for Meetings downloaded.

Day of Program:

- Decided if you want you want to use the chat box during the program. If you decide to use the chat box, we recommend NOT being in full screen mode. Manually stretch the Zoom room screen to fit your screen. This allows your chat box to launch to the side and not block anything on the screen.
- Ensure that your computer is set to stay awake for at least 30 minutes. This include confirming that the screen savers won't come on during your program and that the computer itself won't go to sleep.

Special Live Event Connecting Guide



Troubleshooting tips:

- **The Meeting ID I was given is not working.** If it is the time of the program and your given Meeting ID is not working, first double check there are 9-digits and the time/time-zone of the program. (Example Meeting ID: 123-456-789)
- **I am in the meeting room, but I cannot hear anything.** Check your computer and/or speaker(s) volume is turned up and not muted. You can also adjust which speakers Zoom is using by using Zoom's "Audio Settings"
- **The sound is not coming in clearly.** If you are using Wi-Fi, check to see if you have a strong signal. A weak signal can cause the audio to come in delayed or cutting out. If this is not the case, please let us know by typing into the chat box so we can adjust our microphones.
- **I am connected, but there is a long delay or the audio and video are out of sync.** Sometimes, the network at a school or the Academy will suddenly get slower, causing a delay in the connection. If it is disruptively slow, we recommend closing all your browser windows and signing back into the room.
- **I cannot see all the windows presented in the program.** Go out of Full Screen mode or go into Full screen mode. If you are using a tablet, you will not be able to see the entire screen.
- **I was connect to the program, but then my connection was lost.** Exit the meeting and restart the Zoom application. Then re-enter the meeting room.
- **I keep losing my connection.** This might mean that your internet network access is too slow. If you still cannot connect, you may have need to give up trying to connect. We record all our Special Live Events and would be happy to send it to you after the program has aired. Please email the Academy at distancelearning@calacademy.org to request the recording.