

Google Cast for Education “The 99”

9:41 video clip to help you set up your Google Cast
<https://www.youtube.com/watch?v=P65W3HxVNUU>

7:22 video clip to help you set up your Google Cast
<https://www.youtube.com/watch?v=qFEhB1Mjo9Q>

Google Cast for Education **help page** with many more details and Q&A.
<https://support.google.com/edu/castforedu/?hl=en>

Add the Google Cast for Education app to your teacher machine or the machine that is connected to your big screen.

Name your desktop or whatever machine you want students to cast to. Name it something like your room number or your name.

Students will click the three dots at the upper right and choose “cast” to send. The cast option is built into the Chrome OS.

After inviting students or setting the groups (you could have one giant group of all your students or set up class periods) and set the student permissions. You can allow them to randomly cast any time you have the app open or set it to “Students can request” in the Share button at the upper right corner of the opened app. In either case the app window has to remain open to receive casts. The app screen will be grey unless you click the “Display background images from the web” from the settings at the upper right. By clicking that you can place any image as your app background.

Unfortunately, you have to enter each student email into the receiving device in order to allow the student to cast to your screen. You can also cast directly to your screen at any time from your mobile laptop or laptop tablet instead of using a mirroring app.

Add participants to your group or class period by entering their email address. If you are using Google Classroom you can set up your entire class as all email addresses are preloaded. If you are not using Google Classroom, and no one using Canvas does, you can use it for this purpose. I set up Google Classroom in order to make class period groups fast (or use any other system of inputting emails that you choose). Also, email addresses have to be put in one at a time and not copy pasted from a multiple list. Split your screens and pull up each class on TAC and place TAC and Class side by side. Type in each email address. Most of them will pop up depending on if you have had any correspondence with them so far in the year. Any that don't you may have to type in the entire email or until the email pops up. After setting up your classes you can populate Google Cast with each class. It took me 34 minutes total to enter my 5 class period emails. Probably 10 or so emails had to be typed out per class.

When a student attempts to cast they have to select screen or tab and location. The entire screen is best if they intend to use more than one tab to present. **Note:** Any whiteboard app on Chromebook needs to be set to desktop over tab.

Note: Both the sending machine and receiving machines have to be using Google Chrome to work and be on the same network (school network).

Classrooms today are more collaborative than ever.

But the classroom projector is still the teacher's and the teacher's alone.

How can we share the most used classroom device with students?

Teacher opens up the Cast for Education app.

At setup, teachers invite students or Classroom classes.

Student casts to a selected classroom or group.

Teacher can control what is shared and when.

