

CS+Data Lesson Plan:

[Week 5 Lesson 3](#)

Note to Teachers: [Teach from the web page and use it as your lesson guide.](#) You do not have to be the expert in the room. You get to be the lead learner, modeling life-long learning for your students throughout these CS+Data lessons! There is not a detailed script, because your goal is to talk as little as possible and to focus on facilitating CS Talk between students.

Review Learning Goal with Students: Review **Week 5 Lesson 3** web page, and make sure you have the **Week 5 Student Hyperdoc** available for students in Google Classroom.

Review Learning Goal with Students: CS+Me: When something is accessible, everyone can use it and no one is left out.

[ELD Supports for the Lessons](#)

WARM UP 1	This section is designed to encourage discussion among students; plan to facilitate pairs, groups, or whole class. Read the objective aloud at the top of the page ("Today we will...". Then, project and display the Warm Up . Students will answer the prompting questions. They should use the sentence frames in their discussion. Optional: Students can type their response in the student hyperdoc for this lesson. <i>*See the ELD Support document for more information...</i>
UCSD Does 2	Project and play the video: Use TIPP to learn about troubleshooting. (Students are not using computers during the UCSD DOES).
We Do 3	Open and project for students both the Worksheet: Troubleshooting slide and the Scratch Project: Troubleshooting . Using what was modeled in the video, have students show and tell you how to complete the slide. Remember, teachers are projecting and students are directing teacher actions. (Students are not using computers during the We Do).
UCSD Does 4	Project and play the video: Use SEE to learn about troubleshooting. (Students are not using computers during the UCSD DOES).
TURN & TALK 5	This section is designed to encourage discussion among students; plan to facilitate pairs. Project and display the TURN & TALK . Using the content from the video, have students ask and answer the prompting questions. Tell students to use the sentence frames in their discussion to follow up with their partner and keep the conversation going. Optional: Students can type their response in the student hyperdoc for this lesson. <i>*See the ELD Support document for more information...</i>
We Do 6	Open and project for students both the Worksheet: Explore slide and the Scratch Project: Troubleshooting . Using what was modeled in the video, have students show and tell you how to complete the slide. Remember, teachers are projecting and students are directing teacher actions. (Students are not using computers during the We Do).
YOU DO	Group students into pairs. Ask them to open the Week 5 Student Hyperdoc from Google classroom. Tell students that they can decide which Scratch Project they would like to explore and work on. They can work on the Mild, Medium , or

[CS+Data Home Page](#)

7	Challenge. Let students know that if they select a project and find it too easy or challenging, that they can always change to a different level project. Students can start on one, work in pairs, and use TIPP&SEE to explore and modify the Scratch project. When the students are done, have them save the Scratch project onto their computers and share their project on their Hyperdoc.
REFLECT & SHARE 8	This section is designed to encourage discussion among students; plan to facilitate pairs, groups, or whole class. Project the Reflect & Share section and have students discuss what they learned about events . They may also be sharing their project and explaining their process. Tell students to use the sentence frames in their discussion. Optional: Students can type their response in the student hyperdoc for this lesson. <i>*See the ELD Support document for more information...</i>