

CS+Community Lesson Plan:

Week 3 Lesson 2

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+Community 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.

Prepare: Review **Week 3 Lesson 2** web page and make sure you have the **Week 3 Student Hyperdoc** available for students in Google Classroom.

Review Learning Goal with Students: *Today we will learn that hardware and software work together.*

ELD Supports for the Lessons

WARM UP 1	This section is designed to encourage discussion among students; plan to facilitate pairs, groups, or whole group. Read the objective aloud at the top of the page ("Today we will..."). Then, project and display the Warm Up . Now students will answer the prompting questions. They should use the sentence frames in their discussion. *See the <i>ELD Support document for more information...</i>
WATCH 2	Project and Play the video to learn about hardware and software .
TURN & TALK 3	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. *See the <i>ELD Support document for more information...</i>
WE DO 4	Open and project for students the Worksheet: Reflect slide. Using the instructions, 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 5	Play and project the video Learn about a hardware and software project with TIPP & SEE to learn about using if-then-else conditionals with students. (Students are not using computers during the UCSD DOES).
YOU DO 6	Group students into pairs. Ask them to open the Week 3 Student Hyperdoc from your Google classroom. Tell students to start the Scratch Project:Hardware and Software Work Together in the student hyperdoc . Working in pairs, read the instructions from this section to the students and have them complete this task. When the students are done, have them save the Scratch project onto their computers.



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REFLECT & SHARE

7

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 **if-then-else** conditionals. They may also be sharing their project and explaining their process. Tell students to use the sentence frames in their discussion. Students can reference the **Slide: if-then-else Anchor Chart** as a guide. **See the ELD Support document for more information...*



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