



Virtual Asynchronous

Have students complete the challenges individually on slides (see sample).

You can combine the slides with the networks students created into one Google Presentation for students to view and compare.

You may choose to have students write a discussion post in your virtual learning environment about similarities and differences they see in their networks for each challenge (or just challenge 4).

Teacher Prep: Create slides with the challenges

Sample: [CSP U2L2 Building Network Individual Sample](#) (sample only has 5 network connections. You can choose to add more letters in the slides to accommodate a network of 6 or 7 as described in the lesson plan)



Virtual Synchronous

If Breakout rooms are available, you can put students in groups per the lesson plan and have them work on the challenges on a shared slide.

If Virtual Breakout rooms are not an option, you can have students complete the challenges individually as described in the Virtual Asynchronous.

Run the remaining parts of the lesson as described in the lesson plan.

Teacher Prep: Create slides for each group.

Sample: [CSP U2L2 Building Network Group Sample](#) (sample only has network connections for a group of 5. You can choose to add more letters in the slides to accommodate a group of 6 or 7 as described in the lesson plan).



Socially-Distanced Classroom

If you are unable to keep students socially-distanced while

Teacher Prep: Pre-cut

running the lesson as described in the lesson plan, you can have students work on a virtual slide (see Virtual Synchronous).

You can run the remainder of the lesson as described.

string for each challenge to avoid reuse if your class size is small enough that you are able to run the lesson while still socially-distancing.