FAQ: Locked Multiple Choice Assessment Stages

In Code.org’s CS Principles course, each chapter of lessons in a unit typically culminates in a practice Performance Task and a short multiple choice assessment. This document describes the steps to prepare, administer, and review student answers for these multiple choice assessments.

Prepare
  Where are the multiple choice assessments?
  Help! I don’t see those surveys/assessments
  Can my students see the assessments ahead of time?
  How can I view the assessment and answers before administering?

Administer
  I’m ready for students to take the assessment. How do I unlock the stage?
  The class period is over. How do I lock the assessment so students can’t see or share it?
  What if a student was absent during the class period?

Review
  Where can I see student answers?
Prepare

Where are the multiple choice assessments?

The chapter culminating multiple choice assessments now appear inline on the Unit overview pages. For example, in Unit 1: The Internet, there are 3 assessments:

**CSP Unit 1 - The Internet**

This unit explores the technical challenges and questions that arise from the need to represent digital information in computers and transfer it between people and computational devices. The unit then explores the structure and design of the Internet and the implications of those design decisions.

<table>
<thead>
<tr>
<th>Stage</th>
<th>Description</th>
<th>Assessments Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>CS Principles Pre-survey</td>
<td>Student attitudes and experience survey</td>
</tr>
<tr>
<td>2.</td>
<td>Stage 1: Personal Innovations</td>
<td>Lessons 1 - 7</td>
</tr>
<tr>
<td>3.</td>
<td>Stage 2: Sending Binary Messages</td>
<td>Lessons 8 - 14</td>
</tr>
<tr>
<td>4.</td>
<td>Stage 3: Encoding and Sending Formatted Text</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>Lessons 1 - 7</td>
</tr>
<tr>
<td>6.</td>
<td>Stage 8: The Internet</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Stage 4: Practice PT - The Internet and Society</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Unit 1 Chapter 2 Assessment</td>
<td>Lessons 8 - 14</td>
</tr>
</tbody>
</table>
Help! I don’t see those surveys/assessments

Ensure you are registered on Code Studio as a “verified” teacher account to see these surveys/assessments.

Anyone can create a teacher account on Code Studio, which means that we need an extra layer of authorization to allow CS Principles teachers to see assessments, answer keys, and any other collateral that students should not be able to trivially get access to. If you attended a Code.org TeacherCon during the summer, you should already have this access.

Please fill out this form to request access. Note that it can take a few days to become a verified teacher account, so please do this step early!

Can my students see the assessments ahead of time?

No, all assessment stages are locked by default for students. Students in your section will see that the stages exist, but they will appear as locked:

As the teacher, you will be in control of unlocking and locking the stage when you are ready to administer the assessment (covered below).

How can I view the assessment and answers before administering?

From the Unit overview page, you can click into the levels for the assessment to view the questions. The answers will appear below each question in a blue Teacher Only section.

Administer

I’m ready for students to take the assessment. How do I unlock the stage?

We’ll walk through the example of administering the Unit 1 Chapter 1 assessment that follows Unit 1 Lesson 7. To unlock the stage for students:

1. Navigate to the Unit overview page: studio.code.org/s/csp1
2. Select your section in the Teacher Panel in the right
3. Scroll to the assessment stage and click ‘Assessment settings’

4. The lock settings dialog will appear:

5. At the top of the dialog, make sure the section from the dropdown is the one that you want to administer the survey/assessment to.

6. Assessments can be in one of 3 states for students:
   a. **Locked**: The assessment is locked and questions are not visible
   b. **Editable**: The assessment is unlocked and questions can be answered by students
   c. **Answers visible**: Students cannot make changes to their answers but can see the actual answers. This state is useful for allowing students to check their work after the assessment has been administered.
7. Click the orange ‘Allow editing’ button to toggle all of the students in your section, or use the ‘Individual student control’ table to mark the assessment editable for only a subset of students.
8. Click ‘Save’
9. Your students will need to refresh the Unit overview page that they are on. After refreshing, the stage will no longer display locks, and they can complete and submit the assessment. Students are provided instructions on how to navigate the assessment at the beginning of the assessment. Ensure that students click the purple ‘Submit’ at the end of the assessment period so you can review answers.

The class period is over. How do I lock the assessment so students can’t see or share it?

To re-lock the assessment so it is no longer viewable by students:
   1. Return to the Unit overview page
   2. Pull out the blue teacher Teacher Panel on the right and make sure the right section is selected
   3. Scroll to the assessment, and click the ‘Lock Settings’ button again
   4. Click the ‘Lock stage’ button to lock for all students, or use the ‘Individual student control’ table to change the state for only some students.

If you forget to re-lock the stage, Code Studio will automatically lock it after 24-hours. This is to prevent students from potentially accessing and distributing the questions to others.

What if a student was absent during the class period?

You can unlock the assessment for individual students.

We’ll walk through the example of unlocking the Unit 1 Chapter 1 assessment that follows Unit 1 Lesson 7 for one student.

1. Navigate to the Unit overview page: [studio.code.org/s/csp1]  
2. Select your section in the Teacher Panel in the right
3. Scroll to the assessment stage and click ‘Assessment settings’

4. The lock settings dialog will appear:

Steps to give assessment for
CSP Period 2

1. “Allow editing” while students should be taking the assessment.
2. Once time is up, “Lock stage” to hide questions.
3. “Show answers” to put the assessment into a read-only mode.
4. “Re-lock stage” to prevent sharing of answers with other classes/schools.
5. Go to the assessment/survey tab for your section to review student responses.

Note: Stage auto-locks after 24 hours.

Individual student control
Use the table below to control the state for each individual student.

<table>
<thead>
<tr>
<th>Student</th>
<th>Locked</th>
<th>Editable</th>
<th>Answers visible (read-only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>molly</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>olive filman</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>sarah</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>stevie</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. At the top of the dialog, make sure the section from the dropdown is the one that you want to administer the survey/assessment to.

6. Assessments can be in one of 3 states for students:
   a. **Locked**: The assessment is locked and questions are not visible
   b. **Editable**: The assessment is unlocked and questions can be answered by students
   c. **Answers visible**: Students cannot make changes to their answers but can see the actual answers. This state is useful for allowing students to check their work after the assessment has been administered.
7. Use the ‘Individual student control’ table to mark the assessment editable for only a subset of students. For example the student ‘GT Wrobel’ can now take the test but Brook and Josh can’t:

<table>
<thead>
<tr>
<th>Student</th>
<th>Locked</th>
<th>Editable</th>
<th>Answers visible (read-only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>brook osborne</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GT Wrobel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Josh Caldwell</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. Click ‘Save’
9. The students will need to refresh the Unit overview page that they are on. After refreshing, the stage will no longer display locks, and they can complete and submit the assessment. Students are provided instructions on how to navigate the assessment at the beginning of the assessment. Ensure that students click the purple ‘Submit’ at the end of the assessment period so you can review answers.

Review

Where can I see student answers?

Student answers are aggregated in the Student Accounts and Progress section of the Teacher Home Page and are available to download as a .csv file for easier grading.

1. Re-open the Lock Settings dialog, ensure the correct section is selected in the dropdown at the top, and click the ‘View Section’ button next to step 5
2. This will take you to the purple 'Assessments/Surveys' tab on the Teacher Home Page

3. Select the Unit that the assessment appeared in. In our example, we’d select Unit 1: The Internet:

4. On the page, two tables will appear:
   - **Assessment summaries table:** For each student in the section, the number of correct answers and the % correct is summarized.
   - **All assessment answers table:** A row for every student and every question/response in the assessment is shown.
### Assessment summaries

<table>
<thead>
<tr>
<th>Name</th>
<th>Stage</th>
<th>Puzzle</th>
<th>Status</th>
<th># multiple choice correct</th>
<th># multiple choice correct</th>
<th>% multiple choice correct</th>
<th>Submission timestamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>one</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>In progress</td>
<td>1</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Poorva</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>In progress</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>PS</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>In progress</td>
<td>3</td>
<td>10</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

### All assessment answers

<table>
<thead>
<tr>
<th>Name</th>
<th>Stage</th>
<th>Puzzle</th>
<th>Question</th>
<th>Response</th>
<th>Correctness</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>1</td>
<td>B</td>
<td>Incorrect</td>
</tr>
<tr>
<td>PS</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>2</td>
<td>B</td>
<td>Correct</td>
</tr>
<tr>
<td>PS</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>3</td>
<td>C</td>
<td>Correct</td>
</tr>
<tr>
<td>PS</td>
<td>Unit 1 Chapter 1 Assessment</td>
<td>1</td>
<td>4</td>
<td>C</td>
<td>Incorrect</td>
</tr>
</tbody>
</table>

You can click the ‘Download CSV’ button on either table to export the file as a .csv file, which is compatible with Microsoft Excel, Google Spreadsheets, or any spreadsheet editor.