FANSHAWE
School of Language
& Liberal Studies

Akindi for Multiple Choice Tests

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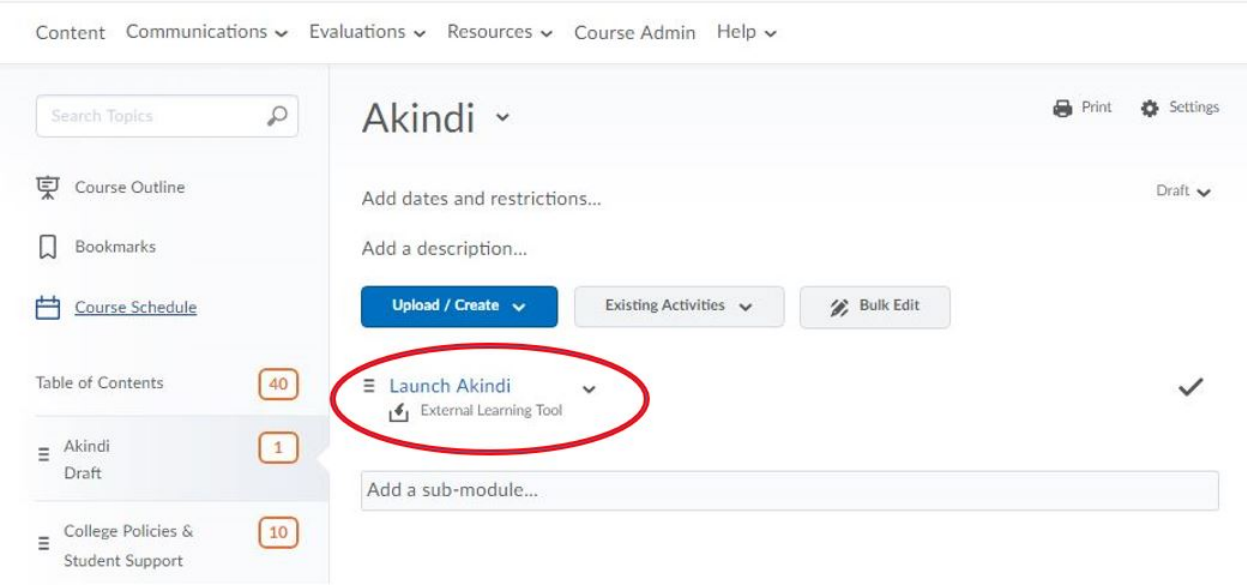
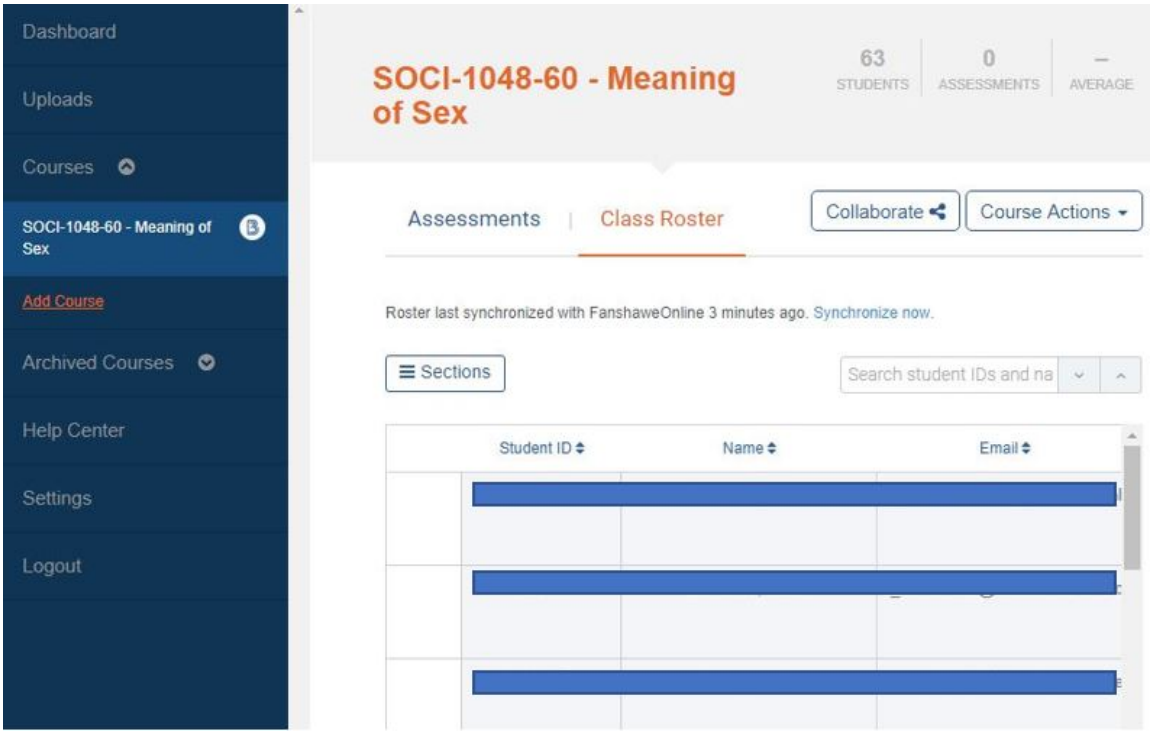
How to create an Akindi Link in your course

1. Go to the content page in the course. Add a module, such as “Akindi,” and make its “draft.”
2. Under the Akindi module, select Existing Activities → External Learning Tools → Launch Akindi. Click the link that is created, then the orange “Launch Akindi” button.



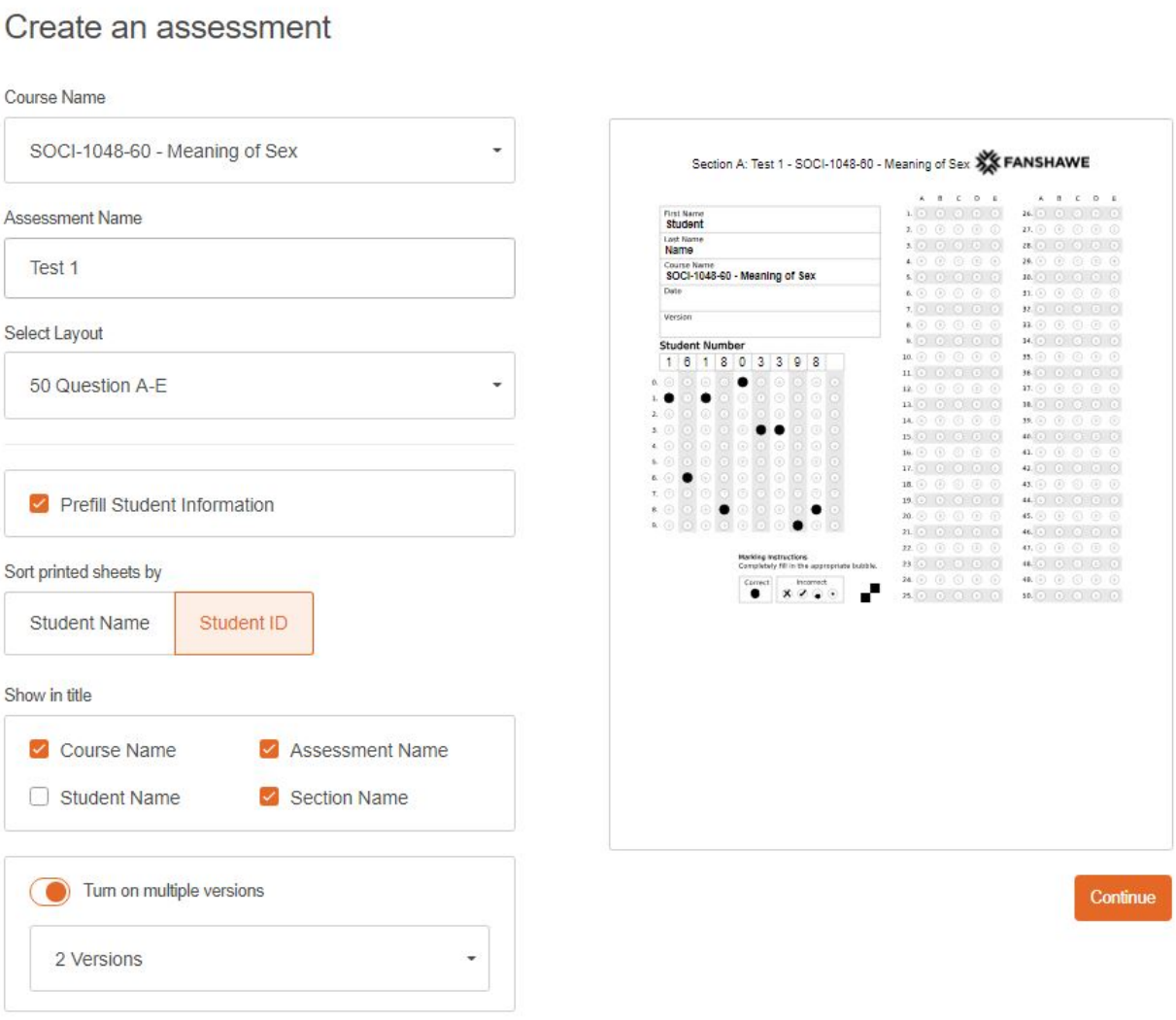
Importing your class list in Akindi

When you first open Akindi, it should automatically import your class list, and display the students in your class under **Class Roster**. Compare it to your class list in FOL.



How to create an assessment

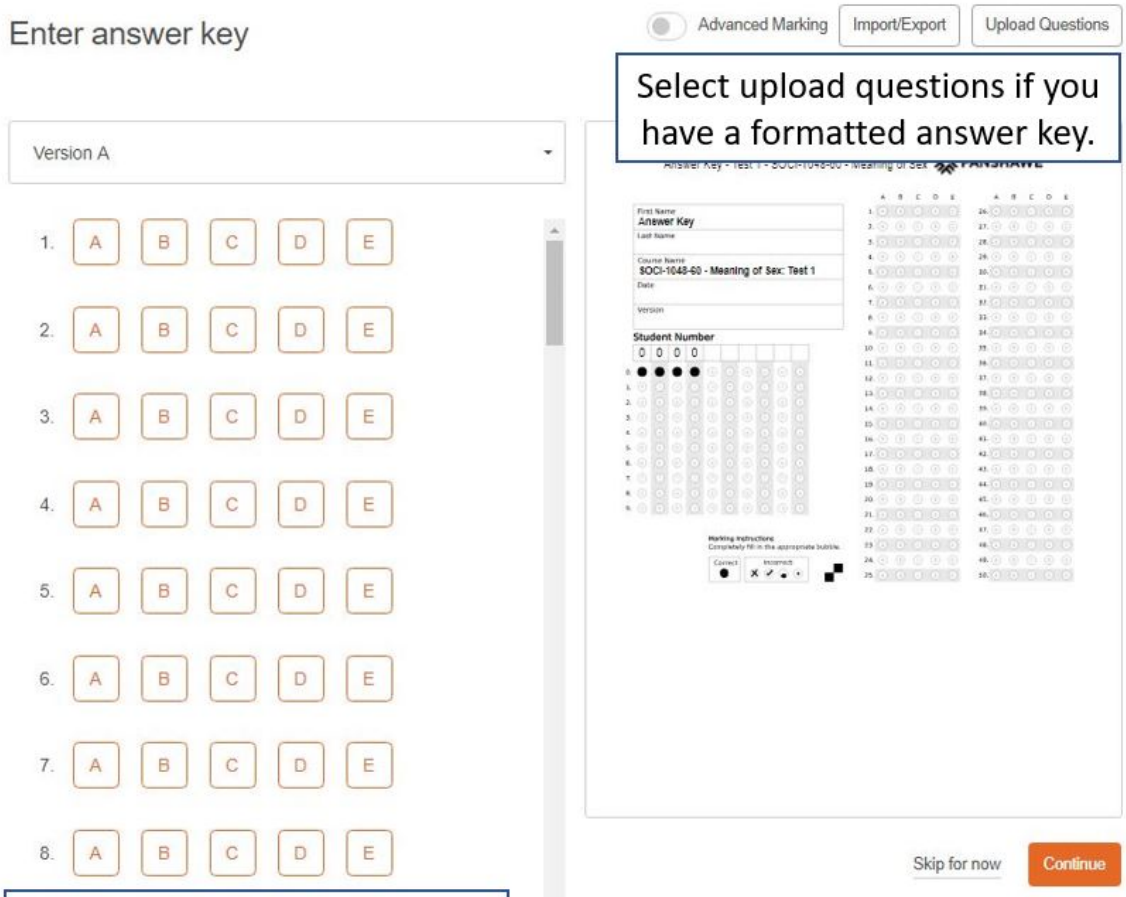
1. Click the assessments link (shown above) and then the create assessment button. You should be on the following screen.



2. Select or fill in your options.
    - Course name: Choose or enter the class you want to create the test for.
    - Assessment name: Name your test. This will appear at the top of the page.

- Select Layout: Choose whether you want 50 or 100 questions. (Your test can have fewer questions; students will just leave some bubbles blank.)
- Prefill student information: You can have Akindi print customized rather than generic test sheets. Click the checkboxes for any information you would like to have filled in. Akindi will create a file in order by student name or ID (number) as you choose. This option is not viable in large classes, where handing out custom sheets will be time consuming.
- Turn on multiple versions: You can have up to 5 versions of a test, a good option if you have a crowded classroom. You will need to have a test with a different question order and separate answer key or each version.

3. Enter an answer key for each test version. There are two ways to do this.
    - **Manual option**. For the first version of the test, select the corresponding answer for each question until are all answered. Repeat for each version.
    - **Upload questions.** This will require a specially formatted test, as shown below. Once you have created your test and answer key, save the file. Then select the **Upload Questions** button. Choose the file and upload it.


Enter answer key
Advanced Marking
Import/Export
Upload Questions
Select upload questions if you have a formatted answer key.
Version A
1. A B C D E
2. A B C D E
3. A B C D E
4. A B C D E
5. A B C D E
6. A B C D E
7. A B C D E
8. A B C D E
First Name
Answer Key
Last Name
Course Name
SOCI-1048-60 - Meaning of Sex: Test 1
Date
Version
Student Number
0 0 0 0
Skip for now
Continue
Select corresponding answers if you are doing it manually.

How to format your test for uploading to Akindi

1. Questions should be numbered.
    a. Then put your answer options.
    b. They should be letter + periods or letter + right parentheses.
    c. For the correct answer, bold the entire option.
    d. Repeat this for every question.
    e. Put a blank link between each question.

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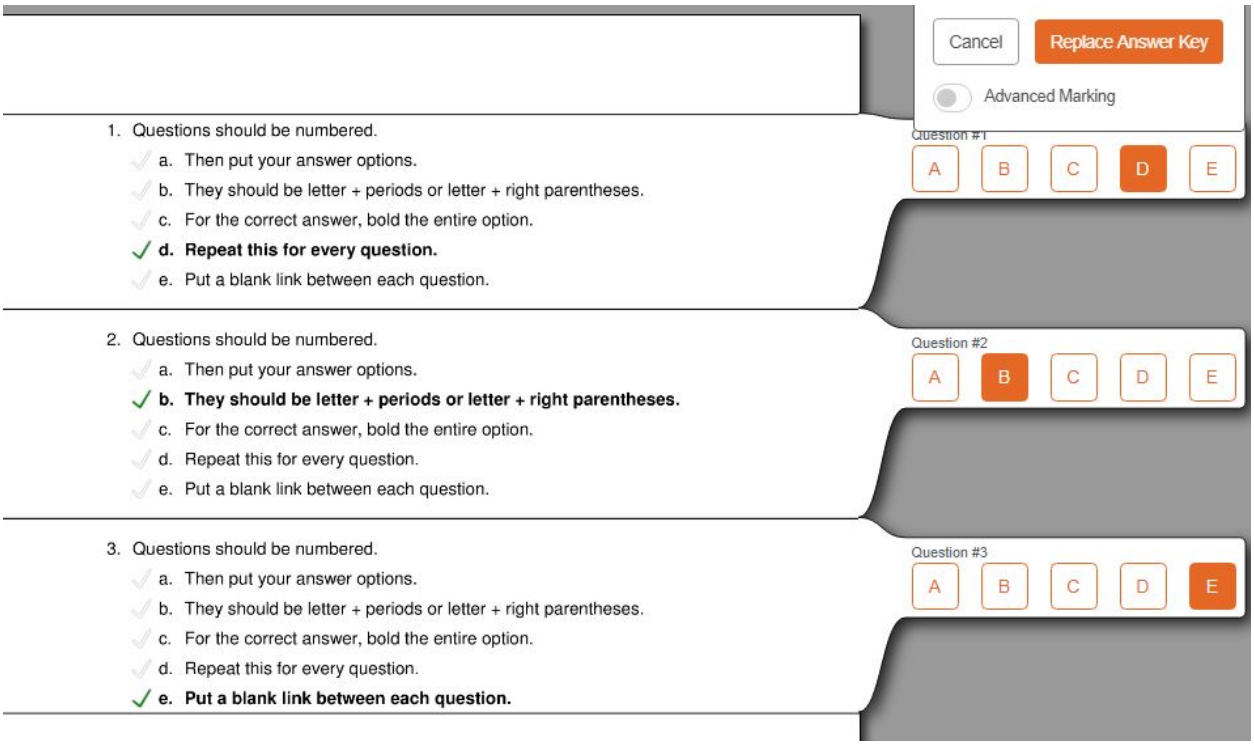
    c. For the correct answer, bold the entire option.
    d. Repeat this for every question.
    e. Put a blank link between each question.

Note: Akindi doesn't require A to E options for each question. For example, you could have true/false (2 option) or A to D (4 option) questions.

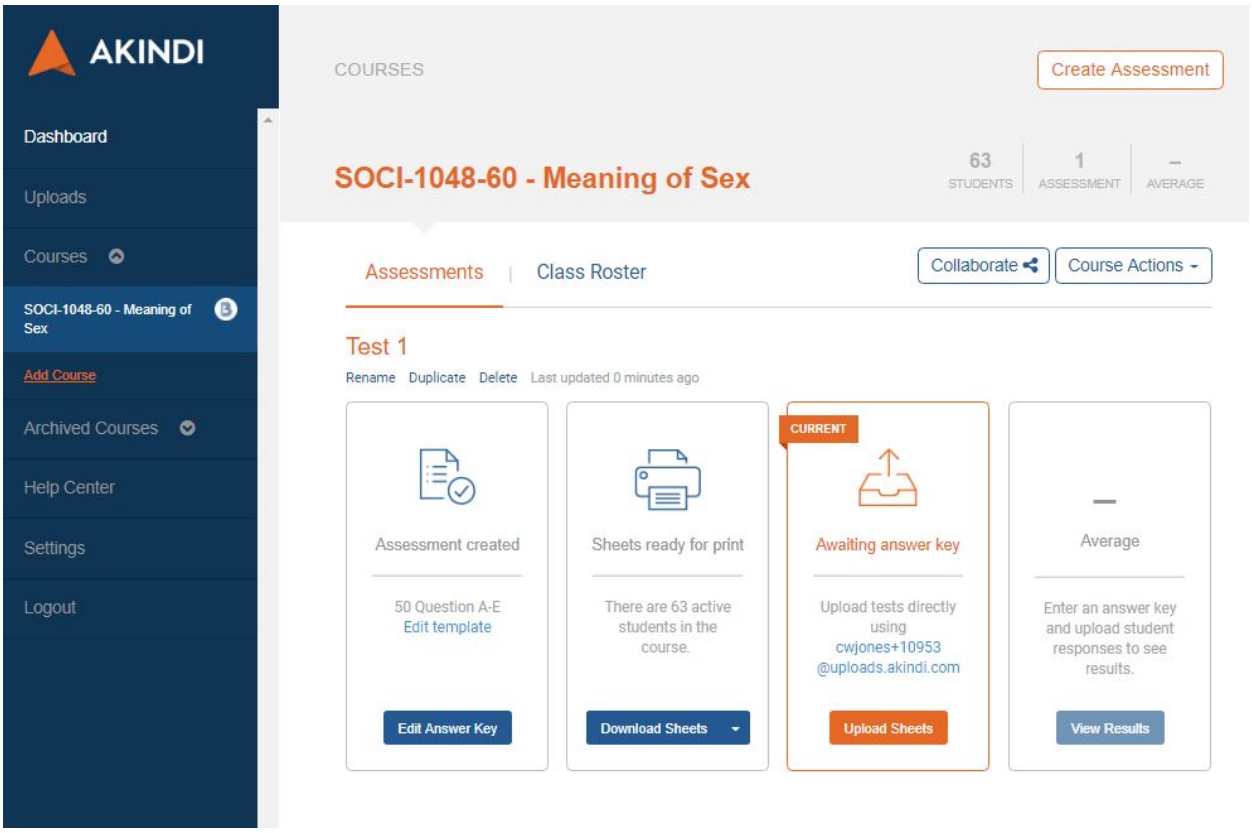
Once you have uploaded your answer key, Akindi will parse the questions and attempt to read the answers from your formatting. Check the questions carefully, as it may miss answers. When you have made all changes, select **Replace Answer Key** to accept your answers.



Once you have entered your answer key(s) through either option, select **Continue.**

1. Print your bubble sheets by selecting the button.
    a. If you prefilled student information, you should have a custom sheet for each student, plus several blank sheets. Print the file for your sheets.
    b. If you did not prefill student information, you will have a single, blank bubble sheet. Print enough copies for your class (plus extras for mistakes or damaged sheets).

Once completed, select the **Back to course** link. Your Akindi dashboard should now look like this.



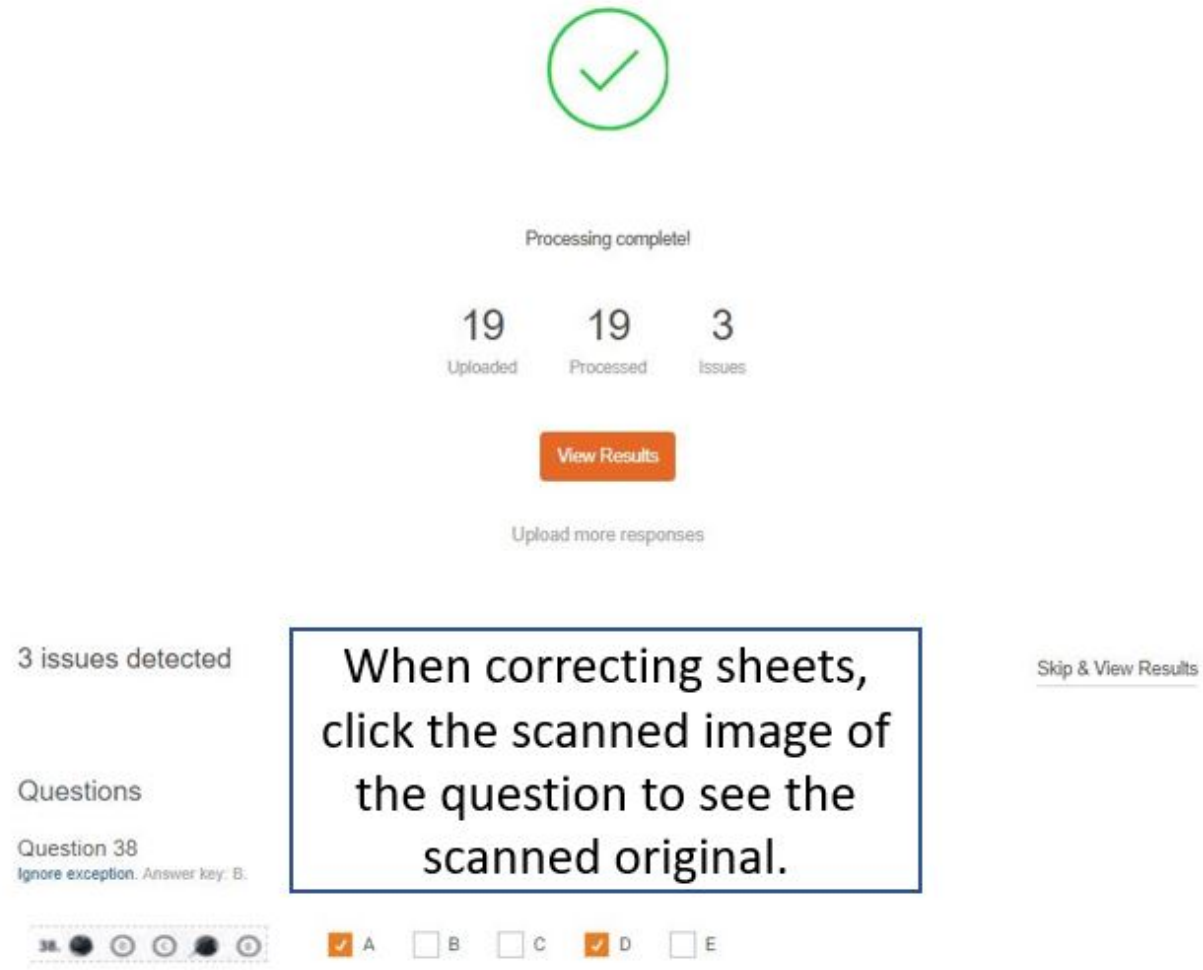
If you need to enter or edit the answer key or download/reprint the sheets, select the relevant links. Akindi will highlight the next step in orange.

Grading students' tests

Before the next step, you will need to take your students' answer sheets to a photocopier. You want to scan them as a PDF file, and either email the scan to yourself, or download the scan to a USB drive.

Once you've done this, select the **Upload sheets,** shown in the above image in orange. Akindi will automatically scan for correct answers.

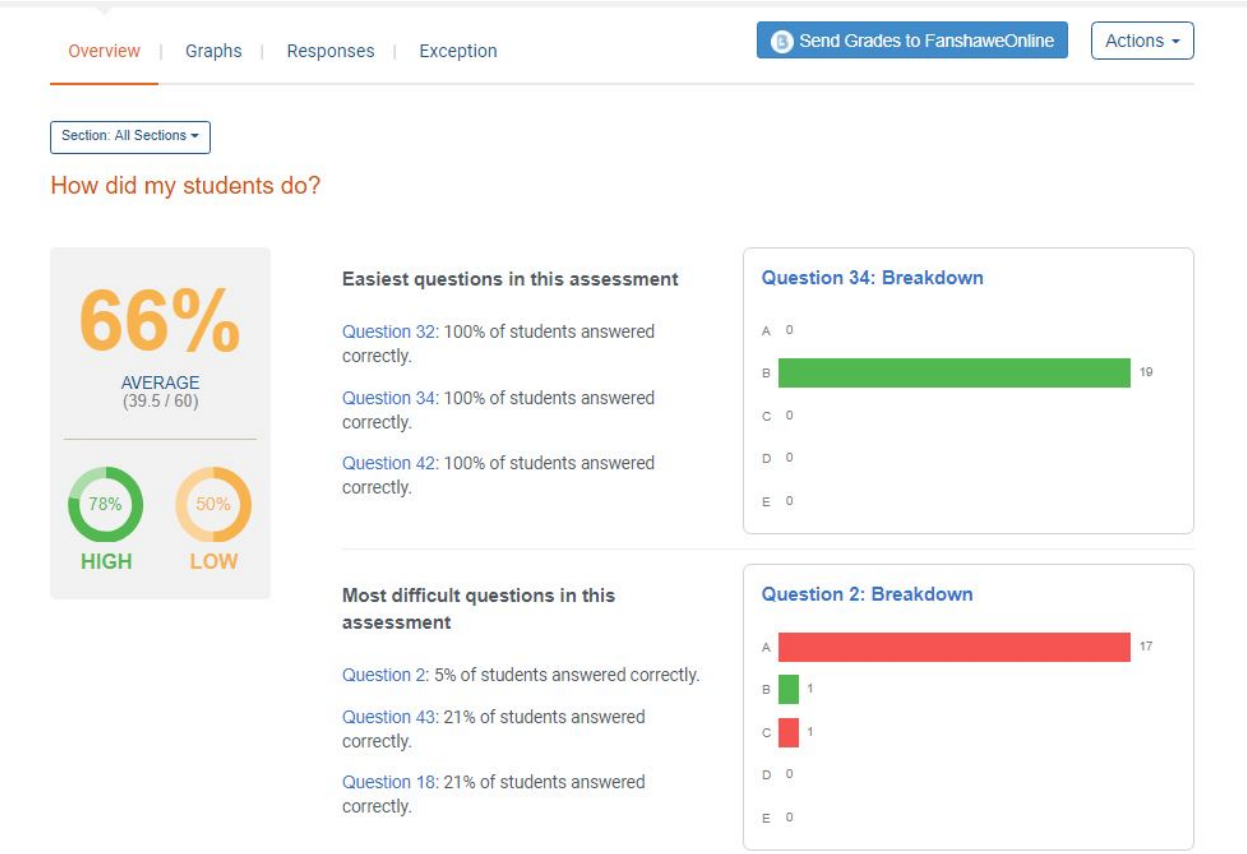
If there are any issues (such as a question with two bubbles filled in), Akindi will highlight the problems. It will prompt you to fix the errors. If you would like to see the student's original answer sheet scan,



Viewing assessment results

Overview tab

This gives broad statistics on your test, such as your class average.

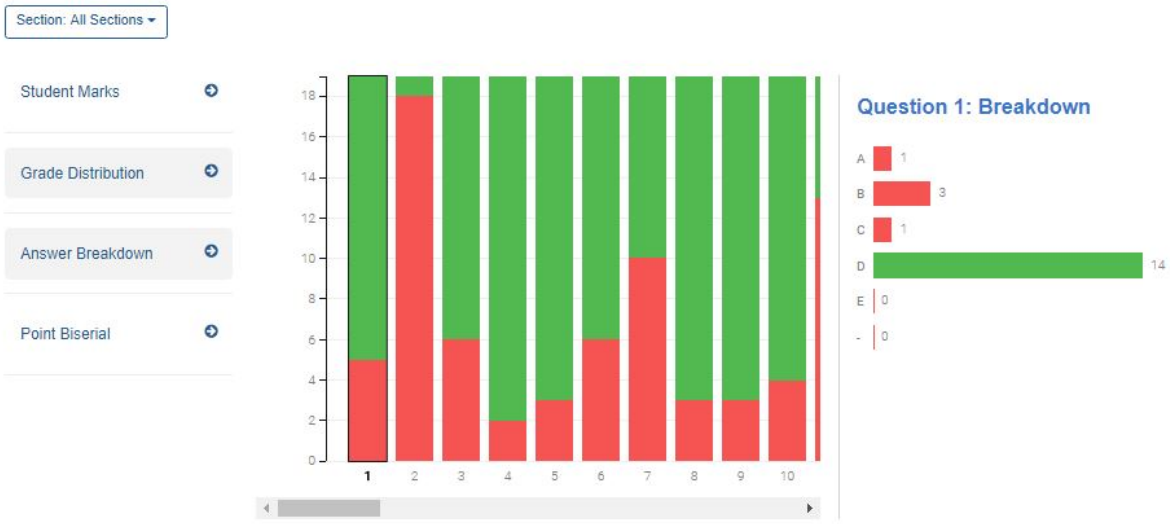


Graphs tab

Student marks: Organizes your students' grades lowest to highest, with each student's result shown as a bar.

Grade distribution: This gives a histogram organized in 10% intervals. This allows you to see where student grades are clustered.

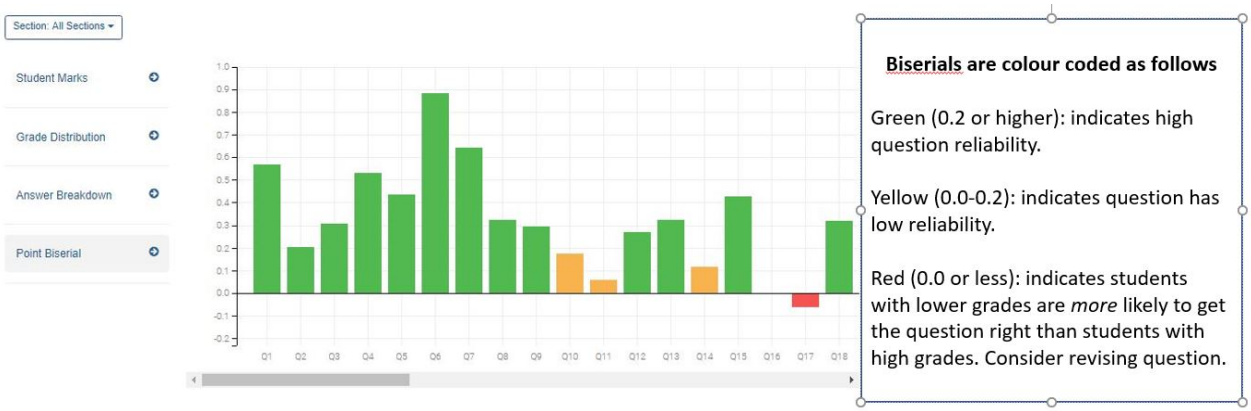
Answer breakdown: For each question, gives a percentage of students answering correctly (green) and incorrectly (red). If you click on any bar, it shows a breakdown of how the class answered.



Point Biserial: Point biserials provide a correlation between a student grades and whether they answer particular questions right or wrong. When a point biserial is high (0.2 or higher), this indicates students with high grades are more likely to answer them correctly. When a point biserial is low (0 or lower), it means students with high grades are answering it wrong, and students with low grades are answering it right!

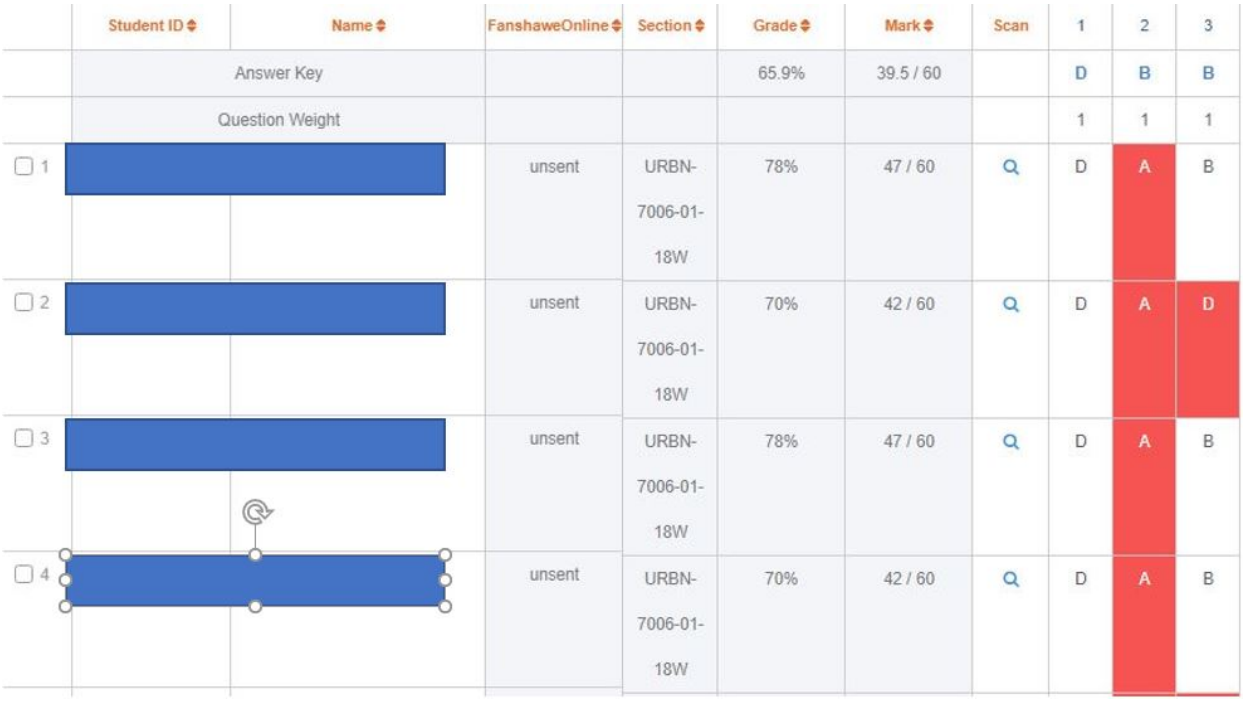
Simply put, if you have negative point biserials, it indicates a question may be unreliable. You might want to check those questions and ask yourself:

- Did I enter the wrong answer in the answer key?
- Was the question poorly worded?
- Was the material skipped or miscommunicated in class?



Responses tab

This shows your students' bubble sheets converted into charts. It will display their grade (out of 100%), mark (out of X points, where X is the number of questions on your test), and students' responses. Where students answer wrong, their answers are highlighted in red.



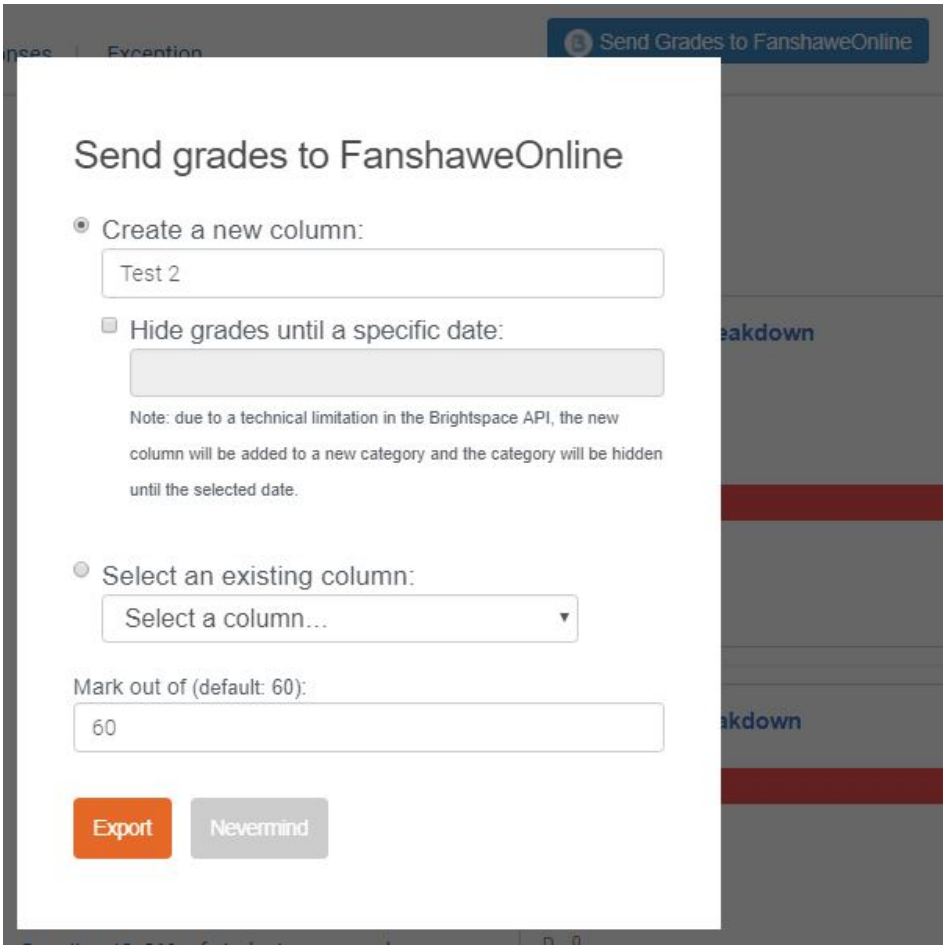
	Student ID	Name	FanshaweOnline	Section	Grade	Mark	Scan	1	2	3
	Answer Key				65.9%	39.5 / 60		D	B	B
	Question Weight							1	1	1
1			unsent	URBN-7006-01-18W	78%	47 / 60		D	A	B
2			unsent	URBN-7006-01-18W	70%	42 / 60		D	A	D
3			unsent	URBN-7006-01-18W	78%	47 / 60		D	A	B
4			unsent	URBN-7006-01-18W	70%	42 / 60		D	A	B

Exceptions tab

If there are any errors on your bubble sheets, they will be displayed here. They can be corrected if they haven't been already.

Send grades to FanshaweOnline

If you would like to import students' grades into your gradebook, select **Send Grades to FanshaweOnline.** The following options will appear.

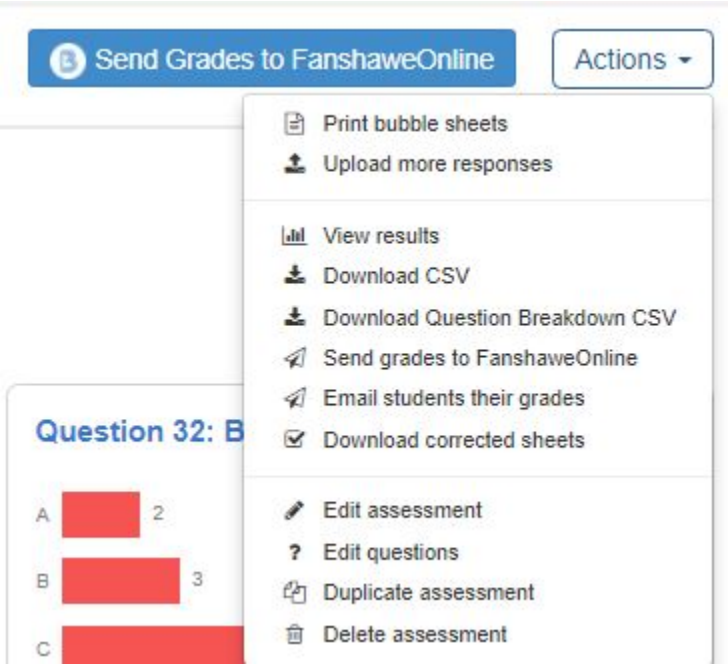


Create a new column: If there is no item in your grade book for the test results, enter the name here. Akindi will create that item in your grade book.

Select an existing column (preferred option): Ideally you have an item in your gradebook already. If you do, select the item you want to use for the test result.

Mark out of: Generally, this should be left as the default. However, you can force Akindi to convert the mark to a different one. For example, you could change a mark out of 60 to 20, so a 40/60 would become a 12/20.

Actions Button



Print bubble sheets: Allows you to reprint bubble sheets, which can be useful if you need to file for students missing the original test.

Upload more responses: Bubble sheets can be uploaded using this option if they are not part of the original batch, as in the case of a student who makes up the test due to sickness.

View results: Takes you to the overview – graphs – responses – exception tabs.

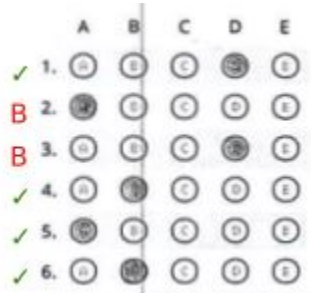
Download CSV: This creates an Excel file of student grades and marks.

Download Question Breakdown CSV: Generates an Excel file that includes percentages of correct/incorrect answers, point biserials, and other information about the test questions.

Send grades to FanshaweOnline: Performs the same function as the button next to it.

Email students their grades: Not recommended; it is better to send grades to the gradebook. (If you'd like to alert students that grades are up, post an announcement or send an email in FanshaweOnline instead.)

Download corrected sheets: Akindi will generate one or more PDFs that grade the questions on the sheet. Student's grade and mark will be posted at the top of the page. Correct answers will have a small check mark. Incorrect answers will have the right answer displayed as a red letter.



This option is very useful if you have a student that wants to review their test with you.

Edit Assessment: If you need to make changes to your answer sheets, select this option.

Edit questions: This option allows you to change your answer key. You may wish to do this if you find a question is unreliable and you want to change the correct answer. If you update your answer key, Akindi will recalculate students' grades.

Duplicate assessment: Allows you to copy a test. This can be useful if you give the same version of the test (for example, to a different section, or to a class in a different term) and want to important your answer key.

Delete assessment: If you need to scrap everything, select this option.