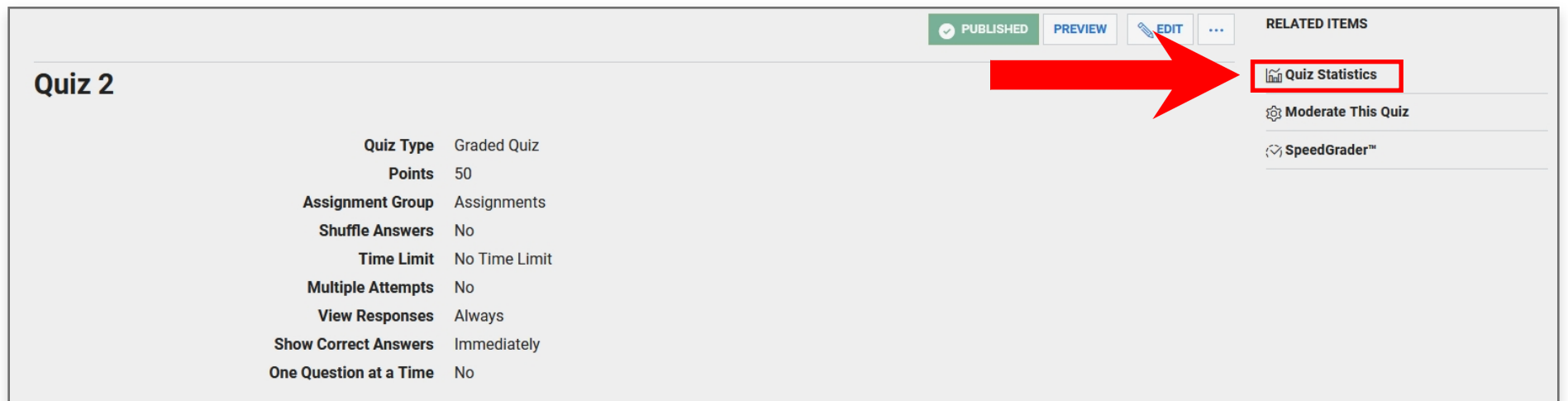


Introduction

Canvas provides you with Quiz Statistics, which includes score data, standard deviation, and the average time of quiz completion. Additionally, Quiz Statistics displays a breakdown for each question in the quiz.

Accessing Quiz Statistics

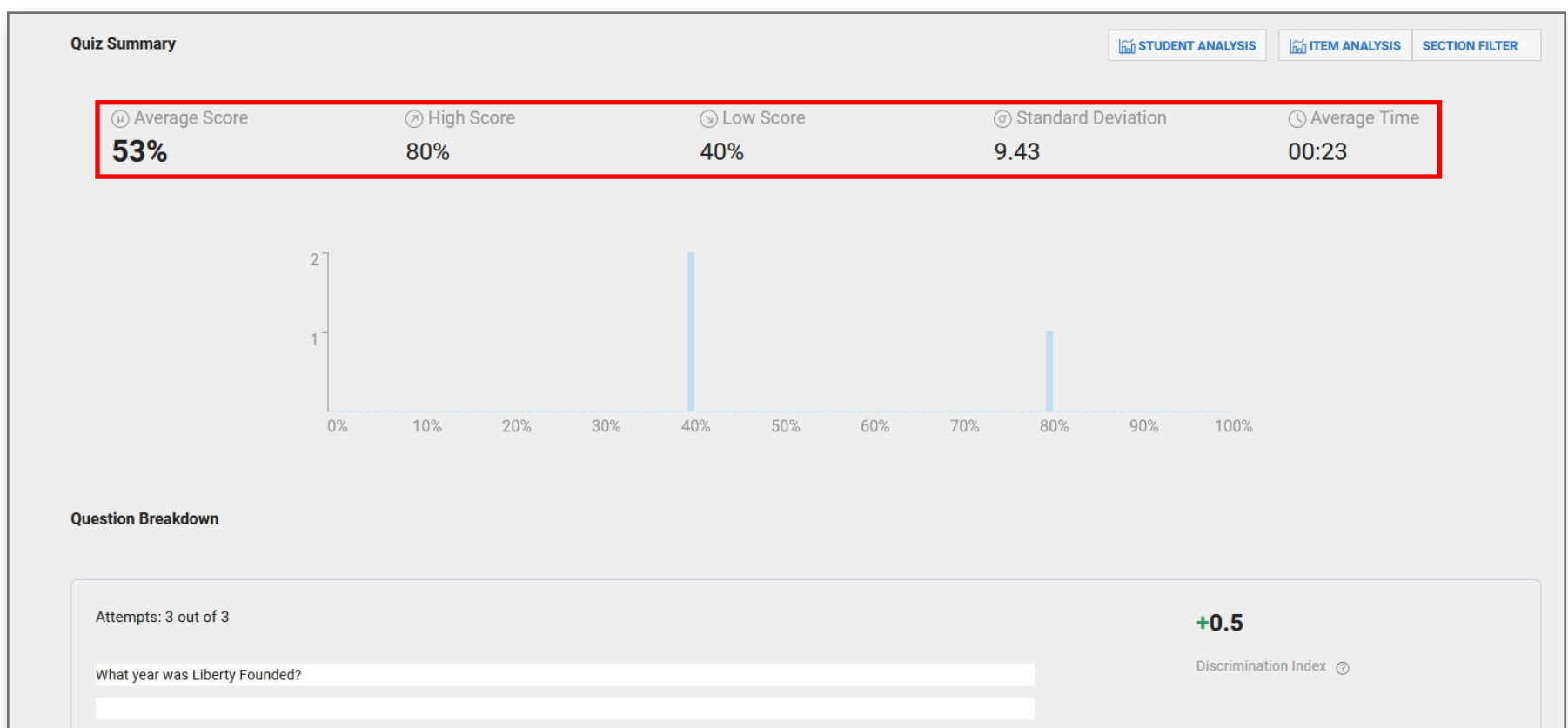
Step 1: To view the Quiz Statistics, open a quiz and **click Quiz Statistics**.



The screenshot shows the 'Quiz 2' settings page. In the top right corner, there is a 'RELATED ITEMS' section. The 'Quiz Statistics' button is highlighted with a red box and a red arrow pointing to it. Other buttons in the top right include 'PUBLISHED', 'PREVIEW', 'EDIT', and a menu icon. The main content area shows quiz settings such as 'Quiz Type: Graded Quiz', 'Points: 50', 'Assignment Group: Assignments', 'Shuffle Answers: No', 'Time Limit: No Time Limit', 'Multiple Attempts: No', 'View Responses: Always', 'Show Correct Answers: Immediately', and 'One Question at a Time: No'.

Note: The Quiz Statistics button will not appear until after a quiz has been submitted.

Step 2: On this page, review the **Average Score**, **High Score**, **Low Score**, **Standard Deviation**, and **Average time**.



The screenshot shows the 'Quiz Summary' page. At the top right, there are tabs for 'STUDENT ANALYSIS', 'ITEM ANALYSIS', and 'SECTION FILTER'. Below these, a summary table is displayed with the following data:

Average Score	High Score	Low Score	Standard Deviation	Average Time
53%	80%	40%	9.43	00:23

Below the table is a bar chart showing the distribution of scores. The x-axis represents the percentage of students (0% to 100%), and the y-axis represents the number of students (0 to 2). There are two bars: one at 40% with a height of 2, and one at 80% with a height of 1.

At the bottom, the 'Question Breakdown' section shows 'Attempts: 3 out of 3' and a score of '+0.5'. A sample question is shown: 'What year was Liberty Founded?' with a text input field and a 'Discrimination Index' of 0.

Accessing Quiz Statistics (continued)

Step 3: Scroll down to the **Question Breakdown** section to view a breakdown of how each question was answered (1), as well as the Discrimination Index Score (2).

Question Breakdown

Attempts: 3 out of 3

What year was Liberty Founded?

+0.5 **2**
Discrimination Index ⓘ

1970	1 respondent	33%	
1971	2 respondents	67%	
1972		0%	
1973		0%	

67% answered correctly

1

Step 4: Click on **Student Analysis** at the top of the page to generate and download a report detailing each student's answer and the grade awarded for each answer.

Quiz Summary

STUDENT ANALYSIS ITEM ANALYSIS SECTION FILTER

Average Score **53%** High Score 80% Low Score 40% Standard Deviation 9.43 Average Time 00:23

File Home Insert Draw Page Layout Formulas Data Review View Help Acrobat

Clipboard Font Alignment Number Styles Cells Editing

POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	name	id	sis_id	section	section_id	section_sis_id	submitted	attempt	12547000	10	12547010:	10	12547030	10	12547038	10	12547043:	10	n correct	n incorrect	score
2				EDUC746: IT COMS Updated	34692		2022-05-24 20:20:20 UTC	1	1971	10	Lynchburg, VA	0	Eagle	10	Sparky	10	Convocation	10	4	1	40
3				EDUC746: IT COMS Updated	34692		2022-05-24 20:13:36 UTC	1	1971	10	Lynchburg, VA	0	Eagle	10	Sparkee	0	Chapel	0	2	3	20
4				EDUC746: IT COMS Updated	34692		2022-05-24 20:11:43 UTC	1	1970	0	Lynchburg, VA	0	Flamingo	0	Sparky	10	Convocation	10	2	3	20

Step 5: Click on **Item Analysis** at the top of the page to generate scores based on Cronbach's alpha, which measures internal consistency of how closely related a set of items are as a group.

Quiz Summary

STUDENT ANALYSIS **ITEM ANALYSIS** SECTION FILTER

Average Score **53%** High Score 80% Low Score 40% Standard Deviation 9.43 Average Time 00:23

File Home Insert Draw Page Layout Formulas Data Review View Help Acrobat

Clipboard Font Alignment Number Styles Cells Editing Analysis Sensitivity Commands...

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	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Question Id	Question Title	Answered Student Count	Top Student Count	Middle Student Count	Bottom Student Count	Quiz Question Count	Correct Student Count	Wrong Student Count	Correct Student Ratio	Wrong Student Ratio	Correct Top Student Count	Correct Middle Student Count
2	12547000	What year was	3	1	2	0	5	2	1	0.666666667	0.333333333	1	1
3	12547010	Where is	3	1	2	0	5	0	3	0	1	0	0
4	12547030	What animal is	3	1	2	0	5	2	1	0.666666667	0.333333333	1	1
5	12547038	What is the	3	1	2	0	5	2	1	0.666666667	0.333333333	1	1
6	12547043	What is the	3	1	2	0	5	2	1	0.666666667	0.333333333	1	1