

Creating an Item Analysis report

The Edusoft Item Analysis report for Texas state exams lets you analyze how students performed on each item on a single exam. To determine the difficulty of an item, you can look at the percent of students who answered it correctly. To determine the areas where students are struggling, Edusoft lets you drill down to the list of students who gave each answer for an assessment item. You can evaluate this list against the performance of any demographic group you select.

To create an Item Analysis report:

- 1 Click the **State Analysis** tab. Click the link or icon for **Item Analysis**.
 - 2 Click the link or icon for the **Item Analysis Report**.
 - 3 Choose a state test.
 - 4 Choose an administration date.
 - 5 Choose an assessment, and click **Continue**.
 - 6 Choose one or more schools (depending on your access). To choose more than one school, click **Multiple** and click **Select Schools**. Click the check boxes for the schools you want to include and click **Continue**.
- Tip:** To generate this report quickly, simply click **Continue** to view the results for all students who took the exam. You can refine the group of students later if you want.
- 7 Select all or specific periods to include. To select specific periods, click **Specific** and click **Select Periods**. Click check boxes for the periods you want to include and click **Continue**.
 - 8 If needed, click **Select students based on demographic options** to select grades, ethnicities, Ed programs, custom groups, genders, courses, or rosters.
 - 9 When you have finished selecting options, click **Continue**.

About Item Analysis reports

The Item Analysis report consists of the options dashboard at the top, and an item analysis section. You can group the report by item or by objective. Administrators can select either the test roster or an SIS roster. For the purpose of analyzing individual items, the test roster may give you more data because it includes all students who took the test, regardless of whether they are included in your SIS roster.

Administrators can view item analysis for multiple teachers' classes with the SIS roster.

Select how to group the report.

You can sort a section using its **sort by** link.

Currently Selected Options

Exam: TAKS - TAKS February 05-06 - Grade 3 Reading **Roster:** 2005-2006 School Year

Schools: All **Grades:** All

Teachers: All **Ethnicities:** All

Ed Programs: All **Custom Groups:** All

Genders: All **Courses:** All

Periods: All

[Clear Options](#)

You can use the Options Dashboard to view results for other students.

Group by: Items GO

Items Objective

Item	% Correct	A	B	C	D	OMITTED
1	83%	17	5	170*	11	1
2	92%	4	8	4	187*	1
3	77%	158*	17	21	7	1
4	89%	8	4	181*	10	1

Administrators can see either the state test roster or the SIS roster.

This is the number of students in the current sample.

Use these links to drill down to a list of students who chose specific answers.

Creating an Item Response report

The Item Response report is designed to provide diagnostic information to teachers about their student's performance on specific assessment items. The report displays the responses that each student gave for each item on an assessment and highlights the most frequently chosen incorrect responses. You can use this report to help you identify the items that students find most challenging and design reteaching strategies that address students' strengths and weaknesses.

To create an Item Response report:

- 1 Click the **State Analysis** tab. Click the link or icon for **Item Analysis**.
- 2 Click the **Item Response Report** link or icon.
- 3 Choose a state test.
- 4 Choose an administration date.
- 5 Choose an assessment, and click **Continue**.
- 6 In the General Report Options area, select **All students** to see all selected students combined into one report, or **Each period** to see a separate report for each selected period.
- 7 Choose how to sort students (by student last name or performance).
- 8 Select whether to include a student ID, and type of ID.
- 9 Select whether to include highlighting and select a highlighting threshold. Click **Continue**.
- 10 Select one or more schools (depending on your access), periods, and demographic options if needed. Click **Continue**.
- 11 In the Choose a Report Format page, choose how to display the completed report:
 - **Web page** to see the report in your browser window
 - **Spreadsheet** to see the report as a Microsoft® Excel® spreadsheet
 - **Printer-friendly** to see the report in a PDF file

About Item Response reports

The Item Response report has two sorting options that help you identify areas of student need. You can make three choices to customize this report: First, you can organize the report by all students or by period. Second, you can sort the report by student name or by performance.

Item Response Report for: TAKS Feb 05-06 Grade 3 Math 2005-06 Spring

Report Options

Schools:	Greenleaf Elementary	Grades:	All	Teachers:	D. Spencer	Ethnicity:	All
Ed Programs:	All	Custom Groups:	All	Gender:	All	Roster:	All
Course:	Geometry	School Groups:	All	School Types:	All	This area shows the student selection options you chose.	

# of Students: 93			Section 1 - Multiple Choice																	
Question #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
% of Correct Responses	80%	90%	73%	84%	84%	89%	92%	88%	80%	84%	88%	78%	88%	86%	66%	45%	75%	91%		
Total Points Possible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Correct Response	C	D	A	C	B	A	D	C	A	D	B	A	D	D	A	C	C	A		
Student Name	Raw Score	% Correct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Allen, Candice	10.0	28%	B	✓	D	D	C	C	A	D	✓	C	C	B	✓	C	✓	D	D	
Alva, Alexandra	27.0	75%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	B	B	A
Amigliore, Samantha	29.0	81%	✓	✓	✓	✓	C	✓	✓	✓	✓	✓	✓	D	✓	✓	✓	B	B	✓
Aponte, Courtney	29.0	81%	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	B	✓
Archie, Daphney	27.0	75%	✓	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	B	A	✓

The per-student breakdown shows you each student's response to each question. A raw score and percent correct only appear for assessments set to show overall performance on reports.

The summary area shows the percent correct, and number of possible points for each question. You also see the correct answer. Highlighting shows the questions that fewer than a selected percentage of students answered correctly.

Incorrect answers are listed. Highlighting shows the *most commonly selected* incorrect answer for the period or group of students.

Legend

- ✓ Correct Answer
- × Incorrect Answer
- No response
- Score is less than the performance threshold.
- Most common incorrect response