Creating an Item Analysis report
The Edusoft Item Analysis report uses standard measurements for reliability, difficulty, and discrimination to help you analyze both assessments as a whole and specific items.

To determine the validity of an assessment, Edusoft calculates item difficulty, discrimination, P-Biserial, and KR-20 values. 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 Benchmark Exams tab. Click the link or icon for Item Analysis.
2. Click the link or icon for the Item Analysis Report.
3. Choose a folder and an assessment, and click Continue.
4. 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.
5. 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.
6. If needed, use the links in the Select Students Based On area to select grades, ethnicities, Ed programs, custom groups, genders, courses, or rosters.
7. 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 for each type of question (multiple choice, short answer, long answer, and weighted rubric). It also displays values for quality measurements that Edusoft calculates.