SMART™

Evaluating assessment results

This *Hands-on Practice* provides a structured exercise for interpreting and evaluating class assessment results using SMART Response Teacher Tools software.

Before completing this *Hands-on Practice,* ensure that you have read the *Quick References* for the SMART Response interactive response system. Install SMART Response, SMART Notebook and a PDF viewer on your computer before proceeding.

Download the following files from the SMART Training Center website and save them to your desktop:

   • My Teacher Profile

Refer to the *Quick Reference* document Setting up the *SMART Response interactive response system to collect and store student responses* for information on how to set up your class and create class lists.

In this *Hands-on Practice* you'll learn how to:

   • View assessment results
   • Generate reports in PDF
   • Interpret performance reports

Opening Teacher Tools software

You can use Teacher Tools software to create a comprehensive analysis of the results obtained from the assessments you administer in SMART Notebook software.

   1 Double-click the **My Teacher Profile.teacher** file to open Teacher Tools software
   2 Ensure you're in *Gradebook view*

Note: The *Gradebook* view allows you to use the full functionality of Teacher Tools software. The *Basic* view only allows you to start a class or anonymous assessment. To open Teacher Tools software in *Gradebook* view every time, select the **Start here when you start Teacher Tools** check box.

Ms. Brown's Gradebook
Altidar School   Ms Brown

   3 Click **Math 7 (Period 3)** in the Teacher Tools side menu Don't click **Start Class.**

Viewing assessments results in Gradebook

   1 Click the **Assessments** tab. A list of assessments delivered with SMART Notebook and the class average for each assessment appears.
   2 Click the **Maps and Scale** assessment and view the assessment information in the bottom pane
   3 Click the **Privacy** button and note the changes to the assessment information
   4 Click the **Performance** button in the bottom pane to display student achievement per question for the selected assessment
   5 Click the **Results** button in the bottom pane to display each student's grade for the selected assessment
   6 Compare an individual student's grade in the Results area, with the class average shown in the top pane
   7 Select other assessments and observe how the same student performed

Is there a consistent pattern for the student's performance or is there a particular subject area where the student is experiencing difficulties?

Note: You can also click the **Students** tab in the top pane to view all assessment grades for an individual.

Generating reports in PDF

Teacher Tools software allows you to print student and class assessment PDF reports. You must install a PDF viewer on your computer to see the results.

Generating class performance reports

1 Click **Class Performance** in the side bar under *Reports*

2 Select **Math 7 (Period 3)** from the menu

3 Include *All assessments types*

4 Click **Browse** and select a location to save the PDF report

5 Click **Create** to generate the report. The PDF opens automatically.

6 Analyze the class performance results

Generating student performance reports

1 Click **Student Performance** in the side bar under Reports

2 Select **Math 7 (Period 3)** from the menu

3 Select **All students**

4 Include *All assessments types*

5 Click **Browse** and select a location to save the PDF reports

Note: Teacher Tools software creates a separate PDF report at the specified location for each student in your class list.

6 Click **Create** to generate the reports. The destination folder opens automatically.

7 Double-click a PDF to open the report and analyze the student performance results

Interpreting performance results

A performance report displays assessment results by: subject, topic, student, question tag, student tag and over a period of time.

Results by subject – displays the class or student average sorted by subject type. You define any subjects that appear in the report when you enter information into the title pages of your assessments.
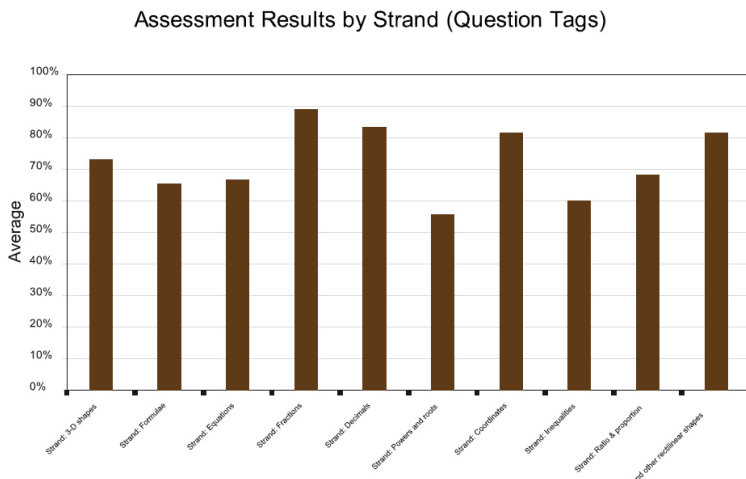
Assessment Results by Subject
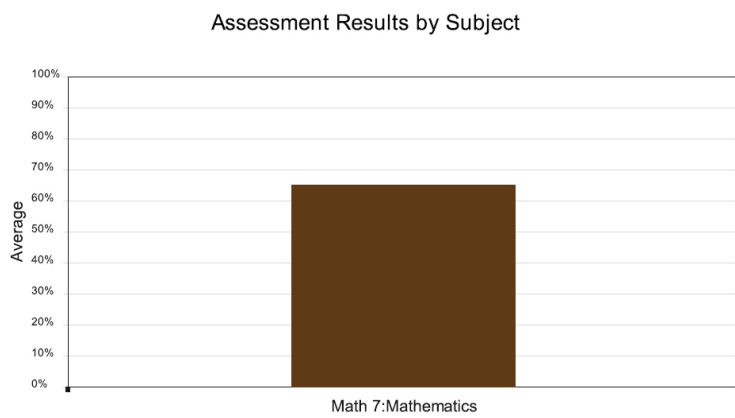
Results over time – displays the class or student average for each assessment in chronological order.

**Assessment Results over Time**
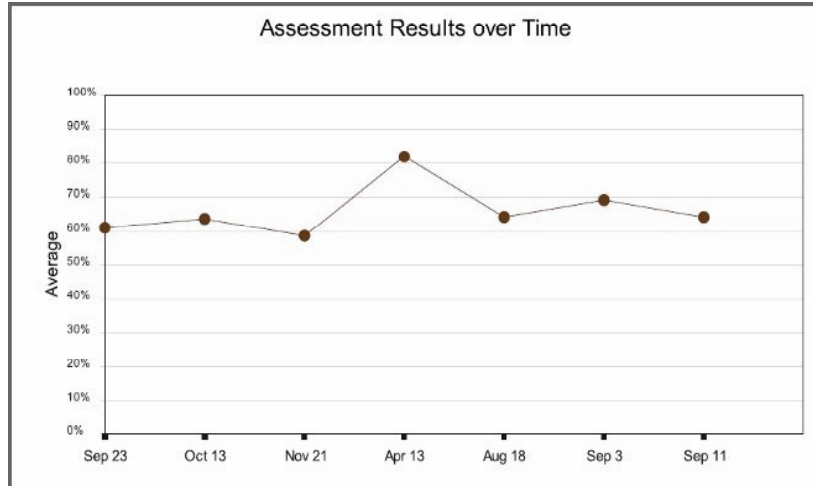
Results by topic – compares student or class performance across topics. You define these topics when you enter information into the title pages of your assessments.

Assessment Results by Topic
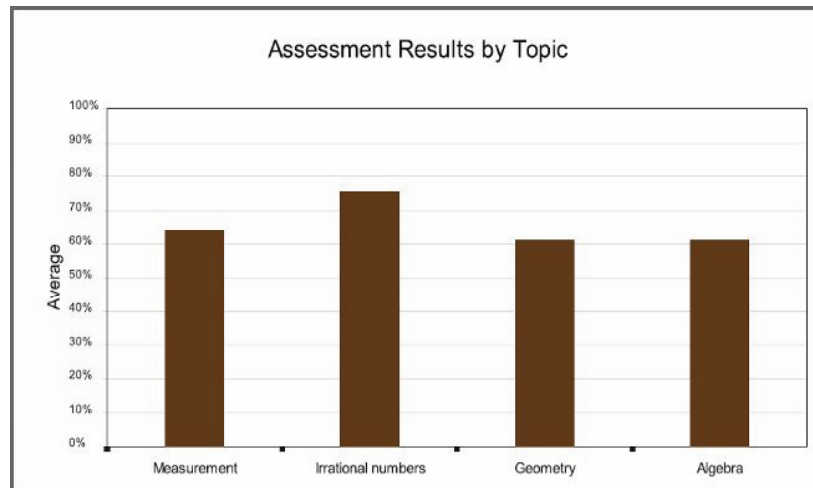
Results by question tag – compares student or class performance on tagged questions throughout your assessments.

Assessment Results by Strand (Question Tags)

Results by student tag – compares the average performance of tagged student groups on all assessments for a class. Note that you can only compare student tags in a *Class Performance Report.*

Assessment Results by Feeder School (Student Tags)
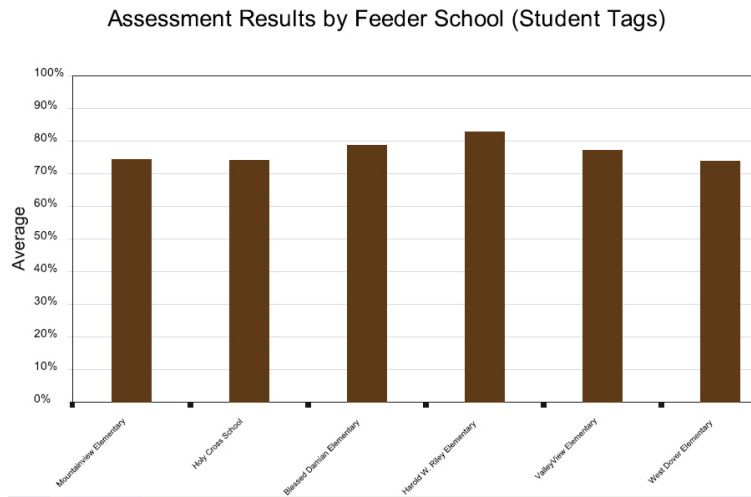
Congratulations, you're now ready to use the SMART Response interactive response system to create, deliver and evaluate assessments. Refer to the *Quick Reference* documents and *SMART Response User's Guide* for additional information on using SMART Response, Teacher Tools software and SMART Notebook software.