

## Calculating Median SGP using a Custom Classroom Roster

Edwin Analytics provides classroom reports that calculate Median SGP based on Student Course Schedules (SCS) classroom rosters. These reports are available to classroom teachers and administrators. In addition, many of the student-level assessment reports available to administrators can be used to calculate Median SGP using a custom classroom roster. For example, administrators can run one of these reports from the **Student** tab in Edwin Analytics to generate custom rosters including student SGP and Median SGP for a selected group of students:

- MCAS Student Item Analysis Roster (IT616)
- MCAS Student Growth Roster (GR602)
- PARCC Student Roster (PE637)

To generate a custom classroom roster including Median SGP:

1. In Edwin Analytics, select the **Student** tab and **Assessments** sub-tab.
2. Click on the report link to run the report, for example IT616, PE637 or GR602. Note that GR602 provides growth results for both ELA and Mathematics on one report.
3. On the prompt page, select **MCAS Students** and **SASID List Prompt** as shown:

### Select Students

Select Students From: \* MCAS Students

Prompt Page: \* SASID List Prompt

Reprompt

SASID list

Insert

Remove

\* Choices:

Select all Deselect all

Cut/paste a list of SASIDs. Ensure the values are on different lines (rows) in Notepad, Word, Excel etc.

4. Copy and paste a list of SASIDs into the SASID list prompt. A minimum of 7 students is required to calculate a Median SGP, and 20 or more students are preferable.
5. Select the appropriate MCAS year, subject and grade level and run the report.
6. The report displays student-level SGP values and includes a Median SGP in the report header (IT616, PE637) or in the report footer (GR602):

Student Count: 24    Students with SGP: 24    Median SGP: 50.5

7. Save the report to Excel or PDF for inclusion in the teacher's evaluation. See the [Edwin Analytics Getting Started Guide](#) for additional information on saving reports to Excel or PDF.
8. Repeat this process for each subject and grade level applicable to the teacher. If necessary, results can be combined in Excel and the Excel MEDIAN function can be used to aggregate results. This could occur if the teacher is responsible for multiple grade levels, or works at multiple schools. When using the MEDIAN function, always start with the student-level SGP values.