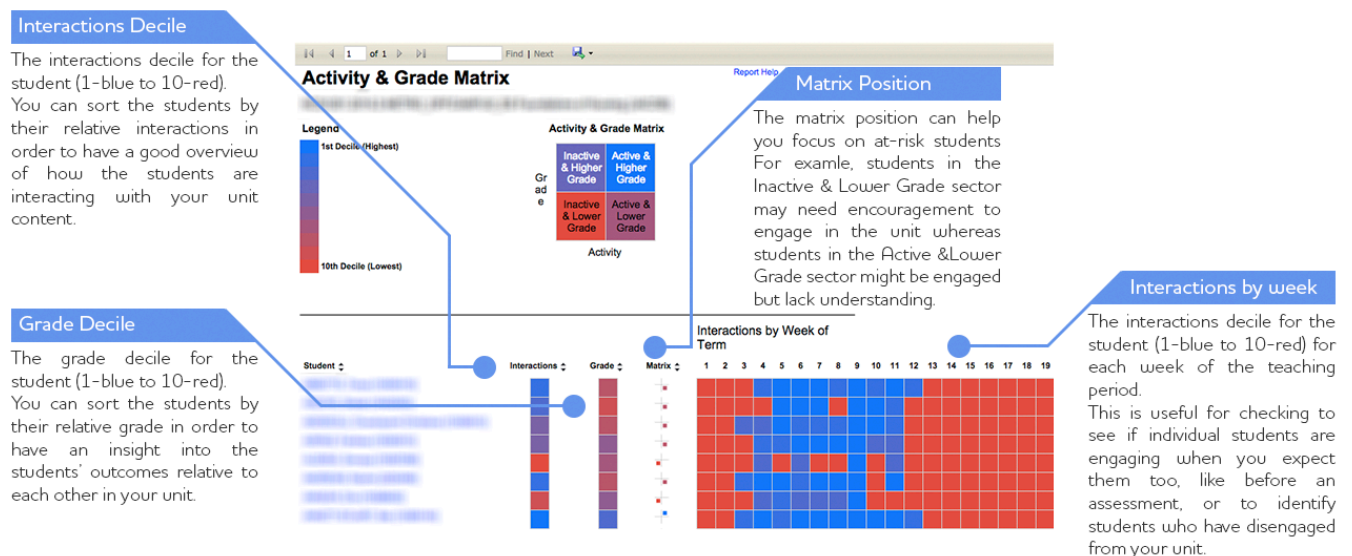


Blackboard Analytics Activity Matrix Report

This report displays grade centre and interaction data on a relative basis for students enrolled in a unit. The data is displayed for each student in aggregate, and over time, for the respective teaching period. The relative comparison between students enrolled in the unit is accomplished using statistical deciles, which divide the activity and grade data into 10 equal parts, the results of which are displayed graphically using a heat map colour scheme. Students are also assigned a “matrix” classification based on their relative activity and grade decile values, which provides a generalisation of a student’s activity and grade profile in a unit.

This report can help analyse activity and grade patterns in a course, and help find students with different usage and performance profiles, both of which can be used to support differentiated educational approaches.

Overview







Details

This report displays a grid of students enrolled in the course and various decile and heat map information are displayed against two variables: the Grade Centre External Grade and the Interactions.

The decile values for the Activity and Grade for a given student are from 1-10. Each of these values is assigned a heat map colour, from blue (highest, or 1st decile) to red (lowest, or 10th decile).

Using the Report

- **Student:** The name of the student, including the student ID. The name is displayed as a link to the Student At A Glance report. This column can be sorted by clicking on the column header.
- **Interactions:** The interactions decile value for a given student (1-10) displayed as a heat map. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details. This column can be sorted by clicking on the column header.
- **Grade:** The Grade Centre External Grade decile value for a given student (1-10) displayed as a heat map. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details. This column can be sorted by clicking on the column header.
- **Matrix:** The Activity & Grade Matrix value for a given student, displayed as an icon corresponding to the classification. Moving the cursor over a given student’s matrix category will display the category classification, and the activity and grade deciles. Clicking on a student’s icon will drill down to a more detailed matrix view. This column can be sorted by clicking on the column header.

Matrix Category	Icon	Activity Deciles	Grade Deciles
Active & Higher Grade		1, 2, 3, 4, 5	1, 2, 3, 4, 5
Inactive & Higher Grade		6, 7, 8, 9, 10	1, 2, 3, 4, 5
Active & Lower Grade		1, 2, 3, 4, 5	6, 7, 8, 9, 10
Inactive & Lower Grade		6, 7, 8, 9, 10	6, 7, 8, 9, 10

- **Activity by Week of Teaching Period:** The decile value for a given student (1-10) displayed as a heat map, by the week of the teaching period. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details.