USER GUIDE

'Activity Matrix' Report

Handy tip!

*To get the best out of this report, the Grade Centre data needs to be recorded accurately. See the **Useful Information** section in this quick guide for some handy tips and tricks.*

What can this report do for me?

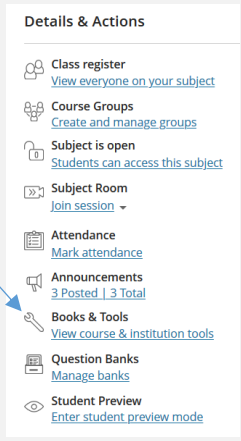
- This report displays a grid of students enrolled in the subject and various decile and heat map information against two variables: the **Grade Centre External Grade** and **Interactions**.
- This report might be useful to find students who fit certain activity and performance profiles, which can then be used to inform a differentiated educational approach.

Running the Report

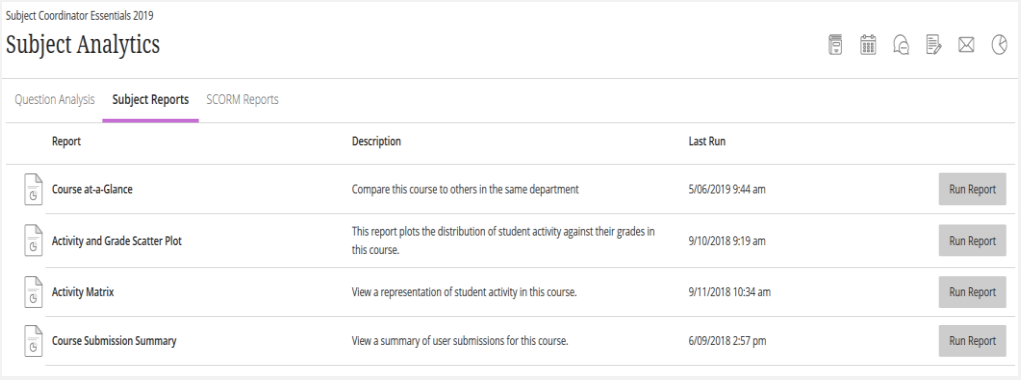
Step 1 • Log onto LearnJCU

Step 2 • Access the subject you wish to run the report for.

Step 3 •As a Lecturer you can click on the pie graph in the top right navigation bar, or you can click on the Books and Tools link in the left hand menu



Step 4 •You will see one of two pages through the links. To run the report click on **'Activity Matrix'**



Interpreting and Using the Report

After the report is run successfully, the data is displayed for each student in aggregate, and over time, for the respective Study Period. The relative comparison between students enrolled in the subject is accomplished using statistical deciles, which divides the activity and grade data into 10 equal parts, the results of which are displayed graphically using a heat map colour scheme.

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).

Handy tip!

The report can be printed or exported using the below icon at the top of the page.

Below is the definition for each column heading within the matrix.

- **Student:** The name of the student, including the student jc login ID.
- **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.
- **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.
- **Matrix:** Each student is 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 subject. Moving the cursor over a given student's matrix category will display the category classification, and the activity and grade deciles. Each student is assigned a matrix category as follows:

Handy tip!

To sort the report by a particular column, simply click on the desired column heading.

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

- **Interactions by Week of Study Period:** The decile value for a given student (1-10) displayed as a heat map for each week of the respective Study Period. Moving the cursor over a given student's decile heat map will display the decile value and the measure details.

Report Preview

Activity and Grade Matrix

Report Help

This report displays grade centre and interaction data on a relative basis for students enrolled in a LearnJCU Subject. The data is displayed for each student in aggregate, and over time, for the respective study period.

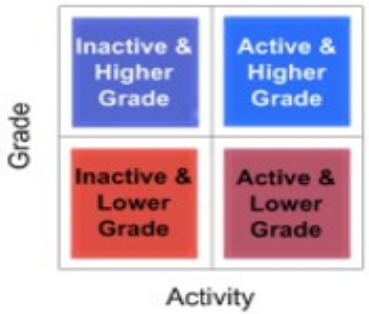
14-LA1234-TSV-INT-SP1 Learning Analytics 101 (14-LA1234-SP1)

Legend

1st Decile (Highest)

10th Decile (Lowest)

Activity & Grade Matrix



Handy tip!

*Blue text is a clickable link that drills through to another report. Clicking on a student name drills to the **'Activity and Grade Matrix Details'** report, which is shown on the next page.*

Interactions by Week of Study Period

Student	Interactions	Grade	Matrix	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Student Name (jcu login ID)																				
Student Name (jcu login ID)																				
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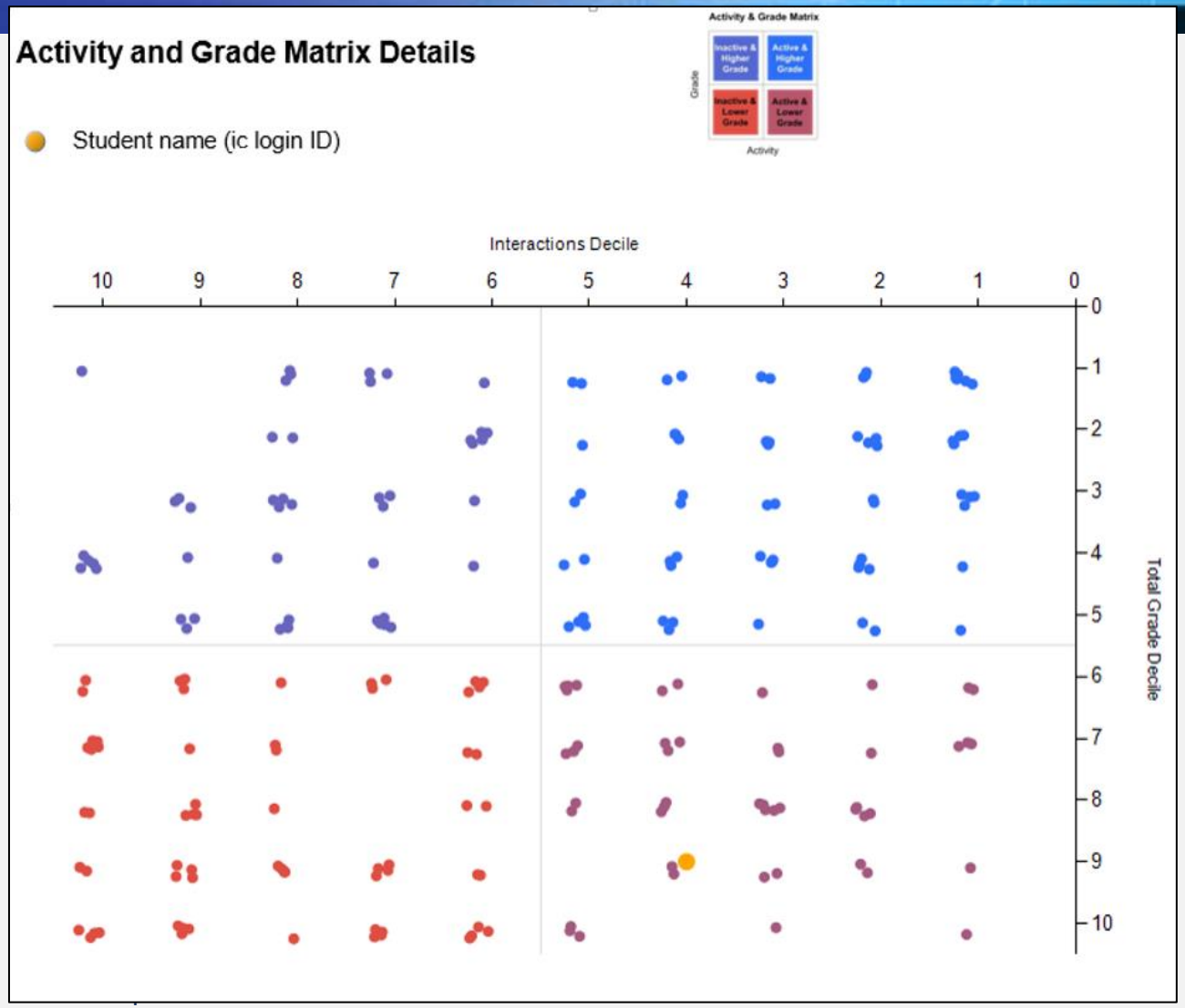

Handy tip!

*Each dot in the matrix represents a student. Clicking on one of these dots drills to the '**Student at a Glance**' report.*