

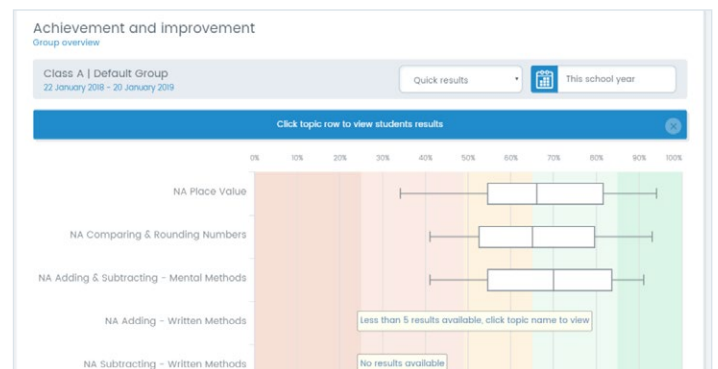
Reporting

Achievement and improvement

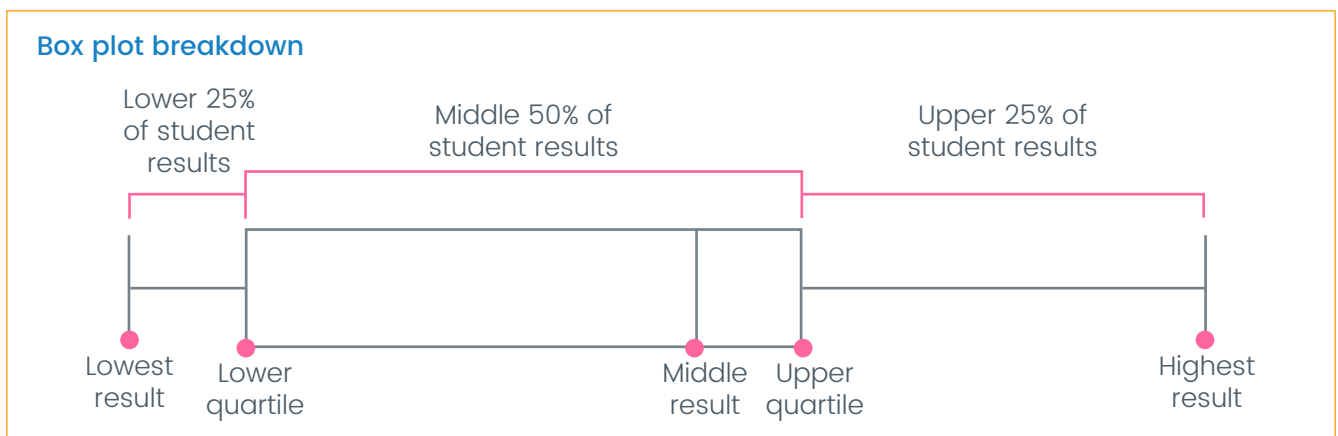
Track the progress of your students

The Achievement and Improvement report uses box plots to give you a graphical representation of each group's progress across the topics that make up their assigned course. This allows you to quickly see which topics have been covered, which need more work than others, and an indication of student ability grouping for each topic.

- 1 Select the class and group for which you wish to view the results.
- 2 Filter date range using the drop-down menu next to the icon.
- 3 The box plots will represent each student's average score across all activities in that topic. A box plot requires at least 5 data points and so will only be displayed when 5 or more students have attempted activities from that topic.



- 4 Hover over each box plot to view the highest result, lowest result, median and the upper and lower quartiles. These values divide the group into four equal-sized sections.



- 5 Click a box plot and scroll down to view your students' average results for that topic.
- 6 To see details of activity results, click on individual students or select all students, then select [See results](#).



Student results are arranged in order of achievement.

Reporting

For each student selected, you will see a breakdown of their activity results, displaying the percentage improvement between their first and latest attempts. You can also filter the improvement column by highest vs latest or first vs highest attempts.

Results for NA Comparing & Rounding Numbers Improvement (First vs Latest)

Charlotte Brown	Improvement (First vs Latest)	First	Highest	Latest
NA Comparing & Rounding Numbers		63% Avg	71% Avg	65% Avg
Compare Numbers to 20	↓ 10%	80%	80%	70%
Compare Numbers to 50	↑ 20%	50%	70%	70%
Compare Numbers to 100	↓ 10%	90%	90%	80%
Greater Than or Less Than?	↓ 10%	70%	70%	60%
Greater Than or Less Than I	=	60%	60%	60%
Nearest Ten?	↑ 10%	50%	60%	60%
Nearest Hundred?	↑ 40%	30%	70%	70%
Nearest Thousand?	↓ 20%	70%	70%	50%

N/A = One attempt. Improvement can only be calculated with two or more attempts.


To export student data to a spreadsheet click

To review the reporting for another topic, scroll to the top of the page and select another box plot.

Reporting

Certificates

Download and print certificates



Download and print certificates

- 1** Select **Certificates**.
- 2** Select your class and group, or all groups.
- 3** Select the date range for which you wish to view and download certificates. You can select this week, last week, this school year or a custom date range.
- 4** Click **download certificates** to download all certificates as a PDF file, which can be printed and/or saved to your computer.
- 5** Click on the Gold, Silver or Bronze icon to download individual categories of certificates as PDFs.

Earning points

- **Curriculum activities** 1 correct answer = 10 points
- **Are you Ready?** 1 correct answer = 20 points
- **Topic tests** 1 correct answer = 20 points
- **Live Mathletics**
 - 1 correct answer = 1 point
 - Bonus Level – 1 correct answer = 2 points

Each week, students can earn a maximum of 300 points on any one activity and 600 points on any one test.

Earning certificates

- 1000 points earned in a week = **1 Bronze certificate**
- 5 Bronze certificates = **1 Silver certificate**
- 4 Silver certificates = **1 Gold certificate**

Students cannot earn more than one of the same type of certificate in the same week.

- Example: Student earned 2100 points in one week, student earned 1 Bronze certificate.

However, different types of certificates can be awarded in the same week.

- Example: Student earned their 20th Bronze Certificate this week. This also gave them their 4th Silver Certificate, which, in turn, earned them a Gold Certificate.

Earning credits

Credits are a system for rewarding hard work and achievement in Mathletics. Earning credits is harder than earning standard activity and Live Mathletics points. Students can spend their credits on accessories to add to their avatar.

- **Curriculum activities**
 - 10 correct questions answered = 10 credits
 - Earning a high score (>60%) = 10 credits

- **Certificates**
 - 1 Bronze Certificate = 100 credits
 - 1 Silver Certificate = 150 credits
 - 1 Gold Certificate = 250 credits

- **Live Mathletics**
 - Achieving a new **High Score** = 10 credits
 - Earning **1st Place** = 5 credits

- **Assessments**
 - Result 20-85% = 20 credits
 - Result >85% = 40 credits

Reporting

Effort and participation
View students' points and certificates



The Effort and Participation report gives you an overview of the points and certificates each student has earned in the chosen date range, as well as their time online.

Students	Live Maths points	Activity points	Total points	Gold	Silver	Bronze	Time online
Catharine Beecher	0	5 230	5 230	0	0	1	0h 0m
Charlotte Brown	0	4 830	4 830	0	0	1	0h 0m
Nicholas Copernicus	46	6 710	6 756	0	0	1	0h 46m

- 1 Select **Effort and Participation**.
- 2 Select the class you wish to view using the drop-down menu.
- 3 Select a specific group at the top of the page, or choose to view all groups together.
- 4 Click **This school year** to view results for this week, last week or a custom date range. The default date range displays results for the current school year.
- 5 A summary of the certificates, Live Mathletics points and activity points earned by the group during this period will be displayed at the top of the page. Individual student achievement will be displayed in the table below.
- 6 Click on the title of one of the points categories at the top of the table to sort the results by that column.
- 7 Click the certificate indicator icons next to each student to download any certificates they have earned individually, or select or **Download all certificates** at the top to download all certificates earned by the group in the selected date range.
- 8 Select **Export as CSV** to download a spreadsheet of your student data.

Reporting

Activity and
usage report
Download Mathletics
data



When you select the Activity and Usage Report tile you will automatically download an Excel report containing all of the raw usage data for your classes from the start of the current school year up until the end of last week. This data can be formatted as required for use with your school's reporting system.

The Activity and usage report is separated out into the following tabs:

- **Summary:** A snapshot of your classes' Mathletics usage, including metrics on points and certificates earned, scores achieved, improvement, when your students are using Mathletics, and the ratio of assigned to voluntary activities completed.

NOTE: You can change the start and finish time of your school day for a more accurate reflection of usage during school hours vs usage out of school hours.

- **All Classes Achievement:** A count of the completed activities with a breakdown by grade band for each of the groups across your classes.
- **All Classes Participation:** A breakdown of the activity and Live Mathletics points, and certificates earned by each group, along with time spent signed in and number of sign ins.
- **All Student Achievement:** A summary of the number of activities completed by each student along with a breakdown of activities by grade band.
- **All Student Participation:** A breakdown of the activity and Live Mathletics points, and certificates earned by each student, along with time spent signed in and number of sign ins.
- **All Student Activities:** A breakdown of every activity attempted by each student, including date of completion, attempt number, which topic the activity is from, and what score was achieved.
- **All Student Improvement:** A breakdown of every activity attempted by each student, including date of most recent attempt, first score, most recent score, and improvement.
- **All Classes Live Mathletics:** A summary of the Live Mathletics achievement by Live Mathletics level for each group, displaying total number of correct answers, top score, and % accuracy.
- **All Students Live Mathletics:** A summary of the Live Mathletics achievement by Live Mathletics level for each student, displaying total number of correct answers, top score, and % accuracy.
- **Printable Version:** A report summary laid out in a printer-friendly format.

Reporting

Student Reports

View activity mastery, participation and Live Mathletics reports



The Student Reports section allows you to quickly drill down to the individual student information most relevant to you.

The default view is a summary of the activity mastery of every class to which you are assigned. Next to each class will be a bar chart representing the breakdown of completed activities by grade band. This gives you a quick visual overview of class progress.

Activity mastery by class or group

- 1 Use the drop-down menus at the top of the page and select the class for which you wish to review a report.
- 2 Select an individual group, or select **All Groups** (default) to view a whole class report.
- 3 Select **All Students** (default).
- 4 Select **Activity Mastery** (default).
- 5 Select the date range for the report.

This school year | This week | Last week | Custom dates | Lifetime

- 6 Click to view the report.
- 7 You will now see a summary of the relative strengths by topic and activity of the selected class or group. Click the **Weaknesses** tab to view the relative weaknesses.
- 8 Next to each student will be a bar chart representing the breakdown of completed activities by grade band.


Activity mastery by individual student

- 1 Follow steps 1-6 above and then click on the name of a student in the report summary, OR select an individual student in Step 3 of the above procedure to navigate directly to that student's report using the filters.
- 2 You will now see a summary of the selected student's relative strengths by topic and activity. Click the **Weaknesses** tab to view their relative weaknesses.
- 3 A bar chart will be displayed next to each topic, representing the breakdown of completed activities by grade band for that topic.
- 4 Select a topic to view results for the individual activities within that topic, including the number of attempts the student has made.
- 5 Alternatively, select the **Test results** tab to view a summary of the test results for each topic.
- 6 Click **Export** to save a PDF report of the student's progress across the topics in their assigned course.


Reporting

Teacher Tip: Changing report type


At any stage you can select a different report type to jump straight to that report for the class, group, or student you are currently viewing. For example, if you are looking at the Activity Mastery report for an individual student, you can simply change the report type to **Participation** to view the Participation Report for that same student.

- 1 Select the report type menu (this will currently be displaying the name of the report type you are on).
- 2 Choose the desired report type.
- 3 Click .


Participation by class or group

- 1 Select the class and group for which you wish to view a report.
- 2 Select **All Students**.
- 3 Select **Participation**.
- 4 Choose a timeframe for the report.
- 5 Click .
- 6 You will now see a summary of the time online, activity points, Live Mathletics points, and certificates earned by each student, along with a class summary of this information.

Participation by student

- 1 Follow steps 1–5 in the above procedure then click on the name of a student in the report summary, OR select an individual student during step 2 to navigate straight to that student's participation report.
- 2 You will now see a summary of the activity points, Live Mathletics points, and certificates earned by the selected student, as well as information on how many times they have signed in, and how long they spent signed in to Mathletics during the chosen timeframe.
- 3 Below this will be a list of course topics. The average first, highest, and latest score will be displayed for each topic. Select a topic to view the results for the individual activities within that topic, including the number of attempts and % improvement.
- 4 Click  to save this report as a PDF.

Live Mathletics

- 1 Select the class and group for which you wish to view a report. Leave the student filter set to **All Students**.
- 2 Select **Live Mathletics**.
- 3 Choose a timeframe for the report.
- 4 Click .
- 5 Select a Live Mathletics level at the top of the page to view a summary of each student's progress when competing at that Live Mathletics level.
- 6 Select an individual student to see a breakdown of their progress by Live Mathletics level.