Welcome to the Mathletics community! The Teacher Console is designed to help you enhance your students’ experience of Mathletics and gather valuable insight into their progress. A host of valuable tools, reports and learning resources are available – allowing teachers to easily tailor Mathletics to the varied needs of their classrooms, in turn leading to better differentiation, more focused learning and improved results.

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Welcome to the Mathletics community! The Teacher Console is designed to help you enhance your students’ experience of Mathletics and gather valuable insight into their progress. A host of valuable tools, reports and learning resources are available – allowing teachers to easily tailor Mathletics to the varied needs of their classrooms, in turn leading to better differentiation, more focused learning and improved results.

Getting Started

01 This is the Mathletics homepage. Simply click the Sign In button and enter your username & password.

02 Check out the Hall of Fame, showing the top students in the world (and your local country) today. Look out for your students in the Top 50 classes!

03 The first time you sign in, you will be taken to the FaceMaker to create your avatar – time to get creative!
Welcome to the Mathletics community! The Teacher Console is designed to help you enhance your students’ experience of Mathletics and gather valuable insight into their progress. A host of valuable tools, reports and learning resources are available – allowing teachers to easily tailor Mathletics to the varied needs of their classrooms, in turn leading to better differentiation, more focused learning and improved results.

Getting Started

01 This is the main Teacher Console – your launch pad to the many tools, reports and resources available to you.

02 If you are using Mathletics with your class for the first time, the best place to start is here. Access and print the sign-in cards for your students, to give them their individual usernames and passwords.

The Teacher Console is a powerful toolbox for teachers, designed to reduce workload by automating marking, reporting and administration – while providing world class learning resources to empower educators with the time and freedom to teach.

Mathletics Teacher App Available For Mobile Devices

Ever leave school for the day and forget to set those homework tasks for your class? Or maybe you’d like to review your students’ results on the commute home? Teachers can now take their access anywhere with the Mathletics app for selected mobile devices. For more information visit www.mathletics.com/mobile
Welcome to the Mathletics community! The Teacher Console is designed to help you enhance your students’ experience of Mathletics and gather valuable insight into their progress. A host of valuable tools, reports and learning resources are available – allowing teachers to easily tailor Mathletics to the varied needs of their classrooms, in turn leading to better differentiation, more focused learning and improved results.

The Teacher Console

The Classes tool allows teachers to easily manage the classes and groups of students that they are responsible for. Add students into your classes or move them around. It is also possible to split a class into up to six groups, each assigned their own curricula for even greater differentiation.

For a more detailed look at the Classes tool, see page 6 of this guide.

The Course tool is a window on the huge library of nationally-aligned curricula available within Mathletics. Explore the many courses available and assign any of them to your own class. There is also the option to create a bespoke course from the thousands of components available, to perfectly suit the needs of your class or school.

For a more detailed look at the Course tool, see page 6 of this guide.

Results is one of the cornerstone tools for teachers. Both an integrated digital mark book - where students’ results appear in real time – and also a tool for setting targeted curriculum activities to individuals or groups of students. Create bespoke learning pathways in just a couple of clicks. Results also provides guidance with visual cues, highlighting students potential areas of development.

For a more detailed look at the Results tool, see page 11 of this guide.

Reports is the main dashboard for a host of automated student results data. From individual student summary reports (great for parent/teacher meetings) to weekly summaries of classroom performance, improvements and certificates, to specific reports from the Live Mathletics area, Reports is a one-stop-shop putting key data at your fingertips.

For a more detailed look at the Reports tool, see page 15 of this guide.

The Assessments tool is a great resource through which you can assign standard benchmarking tests to your students. Once students have completed the tests, Assessments will provide useful diagnostic and analytic information. Used at regular intervals, Assessments is a key resource for tracking student improvement.

For a more detailed look at the Assessments tool, see page 21 of this guide.
Welcome to the Mathletics community! The Teacher Console is designed to help you enhance your students’ experience of Mathletics and gather valuable insight into their progress. A host of valuable tools, reports and learning resources are available – allowing teachers to easily tailor Mathletics to the varied needs of their classrooms, in turn leading to better differentiation, more focused learning and improved results.

The Teacher Console

The library of Mathletics eBooks is a huge additional teaching and learning resource to the online curriculum area. Building to several thousand printable pages, each year/grade level has several eBooks available to download – individually targeted at a specific strand of mathematics. Integrated interactive components bring the digital page to life. Student and teacher eBooks are available.

For a more detailed look at the eBooks, see page 26 of this guide.

For working directly with your class, the Demonstrations icon is very useful. One click will take you directly to the student interface – with the relevant curriculum and content for your class – allowing you to see what the students see. This is particularly useful for whole-class demonstrations and interactive whiteboard use.

The Toolkit is a portal to view and browse all of the multimedia content available within Mathletics. Use keywords to search the library for Concept Search components, activities, video and tutorials. This is particularly useful for whole-class demonstrations and interactive whiteboard use.

Lessons is another corner tool within Mathletics, allowing teachers to create rich multimedia lesson plans – even sharing the lessons with colleagues. These lessons are perfect for one-to-one teaching or Interactive Whiteboard use in a classroom.

For a more detailed look at the Lessons tool, see page 27 of this guide.

The Action Bar along the bottom of the screen contains useful links – for example to print your students’ certificates.

We are always releasing new and updated features for teachers. Be sure to follow the Mathletics blog for regular news.
Live Mathletics has ten levels across all gaming areas. These are the same ten levels for all students. Below is a summary of what question types are included at each level.

### The Ten Levels

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEVEL 1</strong></td>
<td>Addition from 1 - 10  &lt;br&gt;Doubles up to 10</td>
</tr>
<tr>
<td><strong>LEVEL 2</strong></td>
<td>Addition from 1 - 20  &lt;br&gt;Subtraction from 1 - 20</td>
</tr>
<tr>
<td><strong>LEVEL 3</strong></td>
<td>Addition from 1 - 50  &lt;br&gt;Subtraction from 1 - 50  &lt;br&gt;2s, 3s, 4s, 5s and 10s Times Tables  &lt;br&gt;Doubles and halves up to 50  &lt;br&gt;Addition from 1 - 20 with a missing addend</td>
</tr>
<tr>
<td><strong>LEVEL 4</strong></td>
<td>Addition from 1 - 100  &lt;br&gt;Subtraction from 1 - 100  &lt;br&gt;Times Tables to 10 x 10  &lt;br&gt;Doubles and halves up to 100  &lt;br&gt;2s, 3s, 4s, 5s and 10s division facts  &lt;br&gt;Addition from 1 - 50 with a missing addend</td>
</tr>
<tr>
<td><strong>LEVEL 5</strong></td>
<td>Addition from 1 - 500  &lt;br&gt;Subtraction from 1 - 100  &lt;br&gt;Addition from 1 to 100 with a missing addend  &lt;br&gt;All multiplication and division facts to 10 x 10  &lt;br&gt;Time conversions  &lt;br&gt;Length conversions</td>
</tr>
<tr>
<td><strong>LEVEL 6</strong></td>
<td>Decimal addition from 0.1 to 1.0  &lt;br&gt;Decimal subtraction from 1.0  &lt;br&gt;Multiply decimal by whole number  &lt;br&gt;Multiply decimal by decimal  &lt;br&gt;Order of operations with whole numbers  &lt;br&gt;Multiplying 3 numbers  &lt;br&gt;Converting millimetres, centimetres and metres  &lt;br&gt;24 hour time  &lt;br&gt;Simple Algebraic substitution  &lt;br&gt;Missing term in a sequence with whole numbers  &lt;br&gt;Patterns of 1 to 10  &lt;br&gt;Sum, difference, product and quotient  &lt;br&gt;Missing term in a sequence with decimals</td>
</tr>
<tr>
<td><strong>LEVEL 7</strong></td>
<td>Simple ratios with two numbers  &lt;br&gt;Cubes  &lt;br&gt;Adding and subtracting negative numbers  &lt;br&gt;Multiplying negative and positive numbers  &lt;br&gt;24 hour time  &lt;br&gt;Converting between cm³ and mL  &lt;br&gt;Converting between mL and cm³  &lt;br&gt;Converting between cm³ and L  &lt;br&gt;Converting between L and cm³  &lt;br&gt;Missing term in a sequence with decimals  &lt;br&gt;Order of Operations  &lt;br&gt;Solving simple one step equations  &lt;br&gt;Solving simple two step equations</td>
</tr>
<tr>
<td><strong>LEVEL 8</strong></td>
<td>Simplifying ratios with three terms  &lt;br&gt;Order of operations with whole numbers up to 50  &lt;br&gt;Multiplying 3 numbers  &lt;br&gt;Converting between m² and cm²  &lt;br&gt;Converting between mm² and cm²  &lt;br&gt;Converting between m² and cm³  &lt;br&gt;Converting between cm³ and mm³  &lt;br&gt;Surface area of cubes  &lt;br&gt;Pythagorean triads  &lt;br&gt;Solving simple one step equations  &lt;br&gt;Solving simple two step equations  &lt;br&gt;Simple factorising</td>
</tr>
<tr>
<td><strong>LEVEL 9</strong></td>
<td>Algebraic Substitution  &lt;br&gt;Expanding brackets  &lt;br&gt;Find the midpoint between two points  &lt;br&gt;Factorising simple quadratics  &lt;br&gt;Expanding simple quadratics</td>
</tr>
<tr>
<td><strong>LEVEL 10</strong></td>
<td>Logarithms  &lt;br&gt;Solving equations</td>
</tr>
</tbody>
</table>
In the **Classes** area you can move your students between classes, as well as divide them into a number of **learning groups**, allowing you to assign different curriculum levels to specific groups of students.

**Part One: Creating learning groups within your class...**

01 Select the class you wish to work with from the dropdown menu at the top of the screen.

02 Click the **New Group** tab, and give your new group a name and default course. (Note: the group name is not visible to students.)

03 To **move students** into this new group, simply drag and drop them from the main list of student names (in the first tab) up to the newly created tab for the group.

04 Should you need to, you can **rename** or **delete** your group at any time by using the buttons at the bottom of the screen.

**Groups are fantastic for mixed ability classes, allowing individual learning pathways for specific students.**

Students in groups remain in their original class for results purposes, but will access the different course assigned to them.

You can split a class into up to 12 groups, each with their own individual curriculum settings.

To change a student's password, click in the relevant cell and simply overtype. Updates are automatically saved.
In the **Classes** area you can move your students between classes, as well as divide them into a number of **learning groups**, allowing you to assign different curriculum levels to specific groups of students.

**Part Two: Moving students between classes...**

01 Select the class you wish to move the student(s) into using from the dropdown menu.

02 Click the **Move Students** button at the bottom of the screen.

03 Use the dropdown menus to locate the student(s) you wish to move into your class. These will appear in the table below.

04 Simply drag and drop your required student(s) from right to left, into your class list. The student accounts - and their results data - will be transferred to your class immediately.

When moving a student between classes you have the option to **COPY** their account – great if a student is required to be linked to more than one class at once.

You can transfer any student linked to the school's account into your class or group, even if they are currently assigned to another teacher.
Courses

In Courses you can explore the many internationally aligned curricula available within Mathletics. You can also create your own completely bespoke course for use in your classroom.

View or Change Courses

01 Select your class and group from the dropdown menus at the top of the screen. This will display the course currently assigned to those students.

02 To explore the activities outside of the core curriculum, simply click the Something Easier/Harder buttons.

03 Explore other available courses using the View and Set Courses panel. To assign to selected class, click Set Course.

Control when your students can view individual topic areas using the SHOW/HIDE buttons on the left of the screen.

TEACHER GUIDES are available for all activities, containing sample questions and teaching hints. Simply click on the links in the central panel.

PREVIEW any activity by right-clicking it in the central panel area. This will display the student view of the activity.
In Courses you can explore the many internationally aligned curricula available within Mathletics. You can also create your own completely bespoke course for use in your classroom.

Create a Bespoke Course

1. Using the Create and Edit Courses panel, you can choose to create a new course from scratch, or use an existing course as a template and make your own changes.

2. Select one or more year groups for which your course is intended and also give your course a name. We recommend a descriptive name for easy filing. NOTE: Course names are not visible to students.

All custom courses created can be viewed and used by all teachers linked to the school’s Mathletics account. Great for collaboration and sharing content.

The Course Creator tool is perfect when the default national courses are not suited. For example an after-school club, advanced groups or support classes.
In **Courses** you can explore the many internationally aligned curricula available within Mathletics. You can also create your own completely bespoke course for use in your classroom.

**Create a Bespoke Course**

03. Search for content to add to your course by **Activity Name**, **Topic**, or by **Outcome**. To preview any activity simply right-click it.

04. You can add in a new topic to the course or rename an existing one. To delete a topic, simply drag it to the bin.

05. Simply drag and drop your chosen activities into the central panel. You can also change the order of the activities in this way. To remove an activity, simply drag it into the bin. Once complete, click **Save Course** at the top of the screen.

Once you have completed and saved your new custom course, Mathletics will automatically add the related **Something Easier/Harder** activities. If you wish, you can then edit these in the main Courses screen.

Custom courses are available for all teachers in the school to use and assign to their classes. They are stored in the main course lists, under the name of the school.
The **Results** area is one of the cornerstone tools for teachers. An integrated digital mark book and also a tool for setting targeted curriculum activities to individuals or groups of students. Use real time results data to create bespoke learning pathways, based on individual student results, in just a couple of clicks.

### Viewing Student Results

1. **Select your class and/or group from the dropdown menus at the top of the screen. This will display the results data for that group of students.**

2. **Results for each student are displayed horizontally across the matrix. Data on this front page relates to results achieved in the TEST activities of each topic.**

3. **Click any one of the blue topic titles along the top of the results matrix to view results data for the individual activities within that topic.**

Results under 85% (the target benchmark to achieve mastery of an activity) are displayed in **red**. This serves as a visual cue for teachers to easily identify potential development areas.

Research shows that 97% of students achieve mastery (a score of 85% or higher) after just three attempts. Encouraging repetition of Mathletics curriculum activities is recommended.
The **Results** area is one of the cornerstone tools for teachers. An integrated digital mark book and also a tool for setting targeted curriculum activities to individuals or groups of students. **Use real time results data to create bespoke learning pathways, based on individual student results, in just a couple of clicks.**

### Setting Tasks

04  To assign a specific curriculum task for your students - click the blue arrow in the **Action Bar**, located along the top of the table.

05  Choose to assign the task to every student, or any student who has previously scored <85%. Alternatively, click on an individual cell in the table to set a task for a single student. **Set tasks will be indicated in gold.**

06  To ensure students are alerted to their assignments, set **Assigned Tasks** to “ON”.

07  When they next sign in, students will receive a pop-up in their **Student Console** advising they have assignments to complete. **All other areas of Mathletics will be locked until they have done so.**

Hover over an individual result in the table - a pop-up will appear detailing the number of attempts a student has had at that activity and their latest score.

---

**MATHLETICS TEACHER APP AVAILABLE FOR MOBILE DEVICES**

Ever leave school for the day and forget to set those homework tasks for your class? Or maybe you’d like to review your students’ results on the commute home? Teachers can now take their access anywhere with the Mathletics app for selected mobile devices.

For more information visit [www.mathletics.com/mobile](http://www.mathletics.com/mobile)
The Results area is one of the cornerstone tools for teachers. An integrated digital mark book and also a tool for setting targeted curriculum activities to individuals or groups of students. Use real time results data to create bespoke learning pathways, based on individual student results, in just a couple of clicks.

Set levels in Live Mathletics

01 Live Mathletics has ten levels of questions, covering a range of mathematical concepts, from simple addition right up to algebraic equations. As a teacher, it is possible to limit the access of your students to lower levels of Live Mathletics to focus their attention on more ability-appropriate content.

02 A full overview of content in each of the ten Live Mathletics levels can be found on the Mathletics guides page – at www.3plearning.com/training/mathletics/guides.

03 Click the Set Minimum Levels button on the left of the screen to view the interface below. From here, simply use the radio buttons to select the minimum available level for each student.

04 Be sure to SAVE your settings before returning to the Results area. Students will now be locked out of any levels lower than the minimum level you have set.
The **Results** area is one of the cornerstone tools for teachers. An integrated digital mark book and also a tool for setting targeted curriculum activities to individuals or groups of students. **Use real time results data to create bespoke learning pathways, based on individual student results, in just a couple of clicks.**

### Viewing Assessment results

1. The Assessments available in Mathletics not only give an automated diagnosis of each student, but also makes it possible to target development areas directly – by assigning relevant Mathletics content. This additional functionality is available within the RESULTS area of the Teacher Console.

2. Within the RESULTS screen, select Assessment from the dropdown menu top-left of the screen. The screen will update from curriculum results data to assessment results data.

3. Click an individual student’s result within the matrix to view a detailed report of their results. Mathletics will display a breakdown of all questions answered (shown below), alongside the specific curriculum outcome/standard/expectation addressed.

4. A list of relevant Mathletics activities is provided for each question. Simply click to instantly assign that activity to the student – actively targeting individual weaknesses.

For more information on Assessments visit [www.3plearning.com/mathletics/guides/assessments](http://www.3plearning.com/mathletics/guides/assessments)
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

The Reports area can be accessed via your Mathletics Teacher Console. You can choose to have your data displayed in a number of different ways:

- “Individual student” or “Whole Class” view
- All classes for a teacher (administrators only)
- Whole year/grade view (administrators only)
- Whole school view (administrators only)

To get started, simply select the student/class/classes you wish to view – along with a date range – from the menus at the top of the screen.

Prefer a video tutorial? Head over to www.3plearning.com/mathletics/guides/reports

Generate your report

Reports

www.mathletics.com
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

Reading your report: Mastery

01. Regardless of the level of data you choose (student view/class view etc), the screen layout remains constant, split into five main data panels. The largest is the main left-hand panel.

02. By default, this panel is set to “Activity Mastery”. This visually illustrates how far your students have progressed through their course – and how well they are doing. We call this their Progress to Mastery.

03. As your students complete curriculum activities within their course, their progress bar will expand across the table. In the example shown below, each student in this class has 139 activities available to them within their course.

04. Dependant on the students’ scores, activities are counted within the red, blue or gold segment of the progress bar.

05. A fully gold progress bar indicates complete mastery of the course. The number of activities mastered so far is shown on the left of the bar.

06. For a more detailed view of any individual student’s progress, simply click their name.
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

### Reading your report: Participation and Live

**01** Also available within the main left-hand panel, is a summary of participation for each student, as well as data from their time in Live Mathletics. To view this, simply slide the menu selector at the top of the panel.

**02** In the Participation view, data is displayed by student - showing points earned in the Mathletics curriculum area and the Live game - within the timeframe you have requested for the report. Details on the numbers of certificates earned are also displayed.

**03** To see a breakdown of any individual student’s participation, simply click their name.

**04** The Live Mathletics panel displays data on students’ accuracy and results across the game’s ten levels.

**05** All data across both panels can be sorted into order by simply clicking the title of any of the columns.

This is hugely useful for viewing the top participating or performing students, great for weekly class Halls of Fame!

<table>
<thead>
<tr>
<th>Activity Mastery</th>
<th>Participation</th>
<th>Live Mathletics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Name</td>
<td>Activity Points</td>
<td>Points</td>
</tr>
<tr>
<td>Collins, Matt</td>
<td>12,610</td>
<td>0</td>
</tr>
<tr>
<td>Jones, Jock</td>
<td>12,170</td>
<td>82</td>
</tr>
<tr>
<td>Morrison, Samantha</td>
<td>11,000</td>
<td>0</td>
</tr>
<tr>
<td>Mitchell, John</td>
<td>9,050</td>
<td>129</td>
</tr>
<tr>
<td>Horwitz, Dinah</td>
<td>8,570</td>
<td>0</td>
</tr>
<tr>
<td>Lewis, Jake</td>
<td>8,480</td>
<td>0</td>
</tr>
<tr>
<td>Ahmed, Sara</td>
<td>8,380</td>
<td>46</td>
</tr>
<tr>
<td>Potter, Harry</td>
<td>8,350</td>
<td>91</td>
</tr>
<tr>
<td>Kowalski, Michael</td>
<td>7,990</td>
<td>0</td>
</tr>
<tr>
<td>Alexander, Leigh</td>
<td>7,950</td>
<td>78</td>
</tr>
<tr>
<td>Nicholson, Joshua</td>
<td>7,500</td>
<td>96</td>
</tr>
<tr>
<td>Brown, Josie</td>
<td>7,320</td>
<td>346</td>
</tr>
</tbody>
</table>
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

**Reading your report: Improvement**

01 When viewing a report at an individual student level, hugely powerful data is available to track the longitudinal improvement across a single curriculum area.

02 In the main left-hand data panel, slide the menu bar to Participation. (If you are viewing a report for a whole class, click an individual student’s name to view their participation and improvement data).

03 All curriculum activities completed by the student within the selected timeframe are now shown on screen. The most recent score in each activity is displayed.

04 For activities that have been completed more than once, an overall improvement statistic is also available, alongside a red or green arrow.

05 All data across both panels can be sorted into order by simply clicking the title of any of the columns.

This is hugely useful for viewing the most improved students, great for weekly class Halls of Fame!
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

### Reading your report: Strengths & Weaknesses

**01** Regardless of the level of data you choose (student view/class view etc), the screen layout remains constant. The right-hand side of the screen includes a hugely powerful diagnostic panel – highlighting Strengths and Weaknesses across one or a number of students.

**02** Strengths and weaknesses are automatically diagnosed and calculated based on real-time results data. Information displayed in the table relates only to the student or students included in your report. For example, a whole-class report or an individual student report.

**03** Strengths and weakness can be viewed in the context of an entire curriculum topic, or an individual activity. They are designed as a diagnostic guide to aid teaching.

**04** Not only can you view diagnosed weakness but also target them directly. When viewing a student or class report, simply click any activity name to assign it to one or more students. You can assign to the whole class, individual students, or any students how have previously scored less than 50% or 85%. Student will receive a pop-up notification when they sign in.

### Weaknesses

<table>
<thead>
<tr>
<th>Topics</th>
<th>Strengths Class</th>
<th>Activities</th>
<th>6AL Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>M - Time</td>
<td>100%</td>
<td>Nearest 1000?</td>
<td></td>
</tr>
<tr>
<td>N - Whole Numbers</td>
<td>92%</td>
<td>24 Hour Time</td>
<td></td>
</tr>
<tr>
<td>SG - Position</td>
<td>87%</td>
<td>Place Value to Millions</td>
<td></td>
</tr>
<tr>
<td>N - Addition and Subtraction</td>
<td>86%</td>
<td>Dividing by 10, 100, 1000</td>
<td></td>
</tr>
<tr>
<td>N - Operations with Fractions</td>
<td>85%</td>
<td>Expanded Notation</td>
<td></td>
</tr>
</tbody>
</table>

### Certificate Awarded

- 39
- 8
- 3

### Class Usage

<table>
<thead>
<tr>
<th>Sign-ins</th>
<th>Time Online</th>
<th>Activity Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>346</td>
<td>116h 32min</td>
<td>172,630</td>
</tr>
</tbody>
</table>

### Live Mathletics Fluency

<table>
<thead>
<tr>
<th>Level</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Average Points</td>
<td>37</td>
<td>31</td>
<td>24</td>
<td>19</td>
<td>16</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Class Accuracy</td>
<td>98</td>
<td>94</td>
<td>80</td>
<td>69</td>
<td>59</td>
<td>49</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Class Top Score</td>
<td>47</td>
<td>46</td>
<td>37</td>
<td>23</td>
<td>15</td>
<td>6</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>National Grade Average</td>
<td>42</td>
<td>30</td>
<td>25</td>
<td>15</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Word Grade Average</td>
<td>42</td>
<td>29</td>
<td>24</td>
<td>15</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

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www.mathletics.com
The Reports area of Mathletics is a hugely powerful tool for teachers and administrators. From a single screen, powerful diagnostic results data is available with just a few clicks. From tracking individual student progress to a whole-school snapshot, Reports puts key data right where you need it – at your fingertips.

**Printing your report**

**01** Need a paper copy of a report? Not a problem. A ready-made printable report is just one click away. Simply generate the report you wish to print, ensuring the student/class data and timeframe are correct on screen for your requirements.

**02** Click the PRINT icon at the top of the screen. Your report will download automatically to your computer in PDF format for easy printing/saving.

**03** The printed reports also include a useful "comments" section – ideal for your own notes, or for parent/teacher communication.

Target weaker areas. Within the “Activity Mastery” panel, when viewing a single student’s data, click any activity to ASSIGN that task for a student to complete.

All data in Reports is live. Click the “Refresh” button in the blue menu bar at any time to include any data from activities your students have just completed, in real time.

Track your students’ results across the levels of Live Mathletics using the panel bottom-right of the screen. Compare with national and global averages.
Top Ten Mathletes for Your School Newsletter

01. Log in using your Administration log in details.

02. Select the Reports button, then click the large Reports button.

03. Select Participation for WHOLE school.

04. At the Bottom, select VIEW TOP STUDENTS.

05. Click on the column heading “Total Points” (this will sort it in descending order).

06. You can narrow the Top Ten to any time period you want by using the calendar.

07. You’re now able to isolate your top participating students organising their activity based off results and timeframe.
Mathletics Assessments are a hugely powerful tool to assess student performance, diagnose areas of improvement and then set targeted activities to address them directly from within Mathletics. The teacher interface is designed to reduce the amount of time spent managing the administration of assessments.

Each assessment question is mapped to a curriculum outcome (expectation or standard) making them particularly useful for benchmarking, assessing student progress and gap analysis to determine their required next steps in teaching and learning.

### Scheduling an Assessment

1. The main Assessments control panel for teachers has three main areas: Schedule, Review and Results.

2. Within the SCHEDULE area, use the search functionality or the filters to find and select your required assessment. The Mathletics assessment library includes purpose-built assessments aligned to a wide range of state, provincial, national and international mathematics curricula, along with an array of external Government tests.

3. If you wish, you can also preview the questions in any assessment before assigning it to confirm their suitability. When you’re ready to assign the assessment, click Schedule.

4. Select the students you’d like to complete the assessment, along with setting your preferred timeframe and duration for the test.

5. The next time your students log in to Mathletics within your specified timeframe, students will be automatically directed to complete the assessment.

6. You can monitor, edit or cancel any scheduled or in-progress assessment in the REVIEW area of your teacher interface.
Assessments

Reviewing Results

01 In the Results area of your teacher interface, you can see a summary of all assessments that have been completed by your students, including a class average for each assessment.

02 By clicking view results you can dig further into class and student results data.

03 The results are shown by student and by question. To view in more detail, click an individual student’s name. This will display the student’s answers to each question.

04 Click the tab to view Results by Question. This will display a full breakdown of results for the student by curriculum outcome, expectation or standard.

05 Mathletics suggests specific targeted curriculum activities to help address the areas of weakness highlighted by the assessment. This gives you the ability to simultaneously diagnose student skills gaps and personalise their learning accordingly.

06 Click assign on the related activities and they will be assigned to that student instantly. They will receive an automatic pop-up notification on screen the next time they sign in.
Assessments

Tips and advice for using Mathletics Assessments

01 USING DIAGNOSTICS TO DETERMINE ABILITY LEVELS
✓ An excellent way to diagnose the knowledge landscape of brand new group of students, with different backgrounds and experiences.
✓ Kick off a new school year with an assessment to get in-depth reporting against the curriculum.
✓ Use the assessment results to...
  • Determine the next steps for teaching and learning
  • Identify strengths and weakness that can assist with ability grouping
  • Highlight key concepts and use our recommended activities to build custom courses
  • Print out individual results and to create a plan with goals for each area of Mathematics.

02 ASSESSMENT FOR GROWTH
✓ Keep track of growth using parallel tests. Our topic tests are all designed to mirror one another, allowing you to measure improvement from beginning to end of a topic.
✓ Don’t always have access to a device? Don’t worry, even our printable assessments are aligned to curriculum.
✓ You can set up an assessment plan easily and even add reminders to your calendar so you’re always on top of things.

03 TRACKING PROGRESS
✓ Use assessments to see how students are performing across all assessments and all standards
✓ View improvement between parallel tests to arm yourself with data about rate of improvement. Understand your students’ rate of improvement in order to make predictions about how they should be growing.

04 USING TESTS FORMATIVELY
✓ Our next-generation tests are more than just a mark. We always provide useful information that helps you to group students, instantly access related resources and assign homework for students to target gaps.

EXPLORE FURTHER
Browse the library of Mathletics feature video tutorials to learn more about how this and other areas of Mathletics can support your teaching.
www.mathletics.com/help
The library of Mathletics eBooks is a huge additional teaching and learning resource to the online curriculum area. Building to several thousand printable pages, each year/grade level has several eBooks available to download.

## Accessing and using eBooks

1. Select the year/grade level you wish to view from the blue navigation bar.
2. All available eBooks are displayed on the left of the screen. Click any eBook to view its contents. Hovering over will display the option to access the full Student or Teacher edition.
3. You can choose to download just the individual chapters/pages you need for your lesson on the right of the screen.

Each eBook targets a specific strand of mathematics - beginning with an introduction and progressing to more advanced applications.

The extensive library of eBooks have been produced by the team of educational publishers at Mathletics. They build into a strong and important offline component of the overall Mathletics platform.

Students at Secondary/High School level also have direct access to eBooks via their Student Console.
Lessons

In Lessons you can create rich multimedia lesson plans. You can even share the lessons with colleagues. These lessons are perfect for one-to-one teaching or Interactive Whiteboard use in a classroom.

Create Your Lesson

01 Use the search fields at the top of the screen to explore all related content within Mathletics – “fractions” for example.

02 Drag your selected items into the Lesson Timeline. Simply drag and drop to rearrange the order of your lesson, or click the individual components to delete.

03 Once you’ve created a Lesson, click play and the lesson will open in a new browser tab.

FILTER your search using the topic menu to the left of the screen.

SAVE your lesson. We recommend using a name that will allow for easy referencing at a later date. You can also assign a recommended year/grade if you wish for your own reference.

PREVIEW any item before using it by clicking the menu arrow on each item.
In **Lessons** you can create rich multimedia lesson plans. You can even share the lessons with colleagues. These lessons are perfect for one-to-one teaching or Interactive Whiteboard use in a classroom.

### Open & Share Lessons

01. From the main Lessons screen, select **Find**. This will open the window below.

02. From this screen you can find all saved lessons linked to your school's account. Simply click a lesson on the left to view it.

03. Lessons appear in this list to preview. You can also open a copy of a colleague’s Lesson to play – or edit. **NOTE:** Any changes you make to a colleague’s Lesson will be saved to your list as a duplicate copy.

A number of sample lessons are also available. Simply select **Mathletics** from the drop-down menu at the top of the screen.

All lessons created within the school are available to all teachers, making it easy to share successful & effective lessons with your colleagues.
For more information on any area of Mathletics, speak to your school’s account manager - or visit our dedicated training and support portal for teachers at

www.3plearning.com/training