

Assessments

The **Assessments** tool can assign standard benchmarking tests to your students. Once students have completed the tests, Assessments provides powerful diagnostic and analytic data. Used at regular intervals, Assessments is a key resource for tracking student improvement.

Viewing & Setting Assessments

- 01 Select your required class at the top of the screen.
- 02 Use the dropdown menus in the blue panel to filter the assessments by country and age group.
- 03 Click the **Schedule Assessment** icon. An assessment can be set for students to complete at a date and time of your choosing – as well as the amount of time students will have to complete it.
- 04 Once students have completed an assessment, a **Results Available** alert will appear in the table. Click the **View Results** icon to explore the data.

The screenshot shows the 'Assessments' tool interface. At the top, it displays 'Class: Year 1' and '52 Students'. Below this, there are filters for 'Country' (My Country) and 'Grade Level' (All), with a note that there are '(52 available assessments)'. A 'Refresh' button is also present. The main table lists several assessments, each with a 'Preview', 'Schedule Assessment', and 'View Results' icon. A green diagonal banner across the table indicates 'RESULTS AVAILABLE'. The table columns are 'Assessments', 'Number of Students', and 'Results'.

| Assessments | Number of Students | Results |
|--|------------------------------|---|
| Australian Curriculum + Year 10 Assessment 1 | Scheduled: 0 Completed: 0 | Avg Score: 26% High Score: 26% Low Score: 26% |
| Australian Curriculum + Year 10 Assessment 2 | Scheduled: 0 Completed: 0 | Avg Score: 31% High Score: 31% Low Score: 31% |
| Australian Curriculum + Year 2 (2) | Scheduled: 0 Completed: 0 | Avg Score: 35% High Score: 35% Low Score: 35% |
| Australian Curriculum + Year 2(1) | Scheduled: 0 Completed: 0 | Avg Score: 10% High Score: 10% Low Score: 10% |
| Australian Curriculum + Year 3 (1) | Scheduled: 0 Completed: 0 | Avg Score: 12% High Score: 12% Low Score: 12% |
| Australian Curriculum + Year 3 (2) | Scheduled: 0 | Avg Score: 19% |



You can choose to preview each Assessment, as well as any accompanying PDF resources.



Unlike the Mathletics curriculum activities, Assessments are multiple-choice and all students receive the same set of questions.



Students can opt to leave an assessment at any time. Their time allowance to complete the test will be frozen until they return.

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Viewing Class Results

- 01 Clicking the **View Results** icon in the main Assessment screen will present your students' results, as shown below.
- 02 If required, results can be exported to Excel for your own school records using the icon above the results table.
- 03 Click on any individual student's name to view a detailed breakdown of their answers. Clicking an individual question number will display more information.

| Student Name | Correct Answers | Attempted Questions | Percent Correct |
|--------------|-----------------|---------------------|-----------------|
| Mariam A | 0 | - | 0% |
| Wilma A | 0 | - | 0% |
| Kim A | 0 | - | 0% |
| Adelle A | 0 | - | 0% |
| Doreen A | 0 | - | 0% |
| Lashunda B | 0 | - | 0% |
| Taren B | 0 | - | 0% |
| Jade B | 31 | 34 | 89% |
| Jeff B | 0 | - | 0% |
| Ivelisse B | 0 | - | 0% |
| Vern C | 0 | - | 0% |
| Tosha C | 0 | - | 0% |
| Rhona C | 0 | - | 0% |



You can also choose to print the assessment for reference or for students to complete offline. Note – assessments must be completed online for diagnostic analysis to occur.



Assessments enables you to easily identify areas of difficulty and give your students effective feedback.

Assessments

powered by



NEW DIAGNOSTIC CURRICULUM REPORTING

Not only are the Mathletics Assessments a valuable benchmarking tool, selected Assessments* now include groundbreaking reporting by curriculum outcome – with suggested work plans of Mathletics content for individual students to address their weaker strands/outcomes.



DIAGNOSE



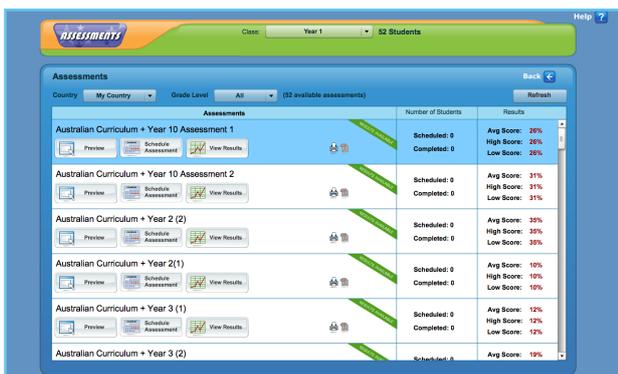
REPORT



TARGET

Curriculum Outcome Reporting

- Once an Assessment is completed, navigate to the **View Results** screen and click the **Class Report** button above the data table. Your curriculum report will download in Excel format, containing a spreadsheet with two tabs.
- The first tab gives a full-class breakdown of results for each question in the assessment. The second tab provides a powerful list of Mathletics adaptive practice activities to address particular concepts that students struggled with.
- Back in the Assessments results screen, click on any individual student's name to view a summary of their results. A full curriculum outcome report spreadsheet is also available for each student by clicking the **Student Report** button.
- The individual Mathletics activities suggested for each student/class can be assigned via the **RESULTS** area within your Teacher Console.



| Question | Strand | % of Students to get correct answer |
|----------|--------|-------------------------------------|
| 1 | 7NS3 | 70 |
| 2 | 7EE4a | 100 |
| 3 | 7G2 | 100 |
| 4 | 7NS3 | 90 |
| 5 | 7NS1d | 90 |
| 6 | 7SP3 | 90 |
| 7 | 7NS2b | 85 |
| 8 | 7EE1 | 85 |
| 9 | 7SP1 | 85 |
| 10 | 7NS1b | 85 |
| 11 | 7NS1d | 85 |
| 12 | 7EE4b | 85 |
| 13 | 7G2 | 85 |
| 14 | 7SP8a | 85 |
| 15 | 7EE3 | 85 |
| 16 | 7NS3 | 85 |
| 17 | 7NS1 | 85 |
| 18 | 7NS2c | 85 |
| 19 | 7SP6 | 85 |
| 20 | 7NS2a | 85 |
| 21 | 7NS2d | 85 |
| 22 | 7NS3b | 85 |
| 23 | 7NS3 | 85 |
| 24 | 7G2 | 85 |
| 25 | 7NS2c | 85 |
| 26 | 7EE4 | 85 |
| 27 | 7SP7a | 85 |
| 28 | 7NS3 | 85 |
| 29 | 7NS1a | 85 |
| 30 | 7G2 | 85 |
| 31 | 7NS1a | 85 |
| 32 | 7EE1 | 85 |

| Question | Strand | Therapy |
|----------|--------|--|
| 1 | 7NS3 | Use four operations with rational numbers to solve problems. |
| 2 | 7EE4a | Solve equations of the form $ax + b = c$ and $ax + b = cx + d$. |
| 3 | 7G2 | Area, volume and surface area. |
| 4 | 7NS3 | Solve multi-step ratio and percent problems. |
| 5 | 7NS1d | Strategies to add and subtract rational numbers. |
| 6 | 7NS3 | Probability of a chance event. |
| 7 | 7NS2b | Identify the unit rate in tables, graphs, equations, diagrams. |
| 8 | 7EE1 | Add, subtract, factor, and expand linear expressions. |
| 9 | 7SP1 | Random sampling supports generalization. |
| 10 | 7NS1b | Adding rational numbers, additive inverse. |
| 11 | 7NS2c | Explain what a percent $\frac{a}{b}$ of a proportional relationship means. |
| 12 | 7EE4b | Solve and graph simple inequalities. |
| 13 | 7G1 | Scale drawings of geometric figures. |
| 14 | 7SP8a | Probability of a compound event. |
| 15 | 7EE3 | Apply properties of operations. |
| 16 | 7NS3 | Measures of variability. |
| 17 | 7NS1 | Compare unit rates associated with ratios of fractions. |
| 18 | 7NS2c | Strategies to multiply and divide rational numbers. |
| 19 | 7NS3 | Approximate the probability of a chance event. |
| 20 | 7NS2a | Decide whether two quantities are in a proportional relationship. |
| 21 | 7NS2d | Convert a rational number to decimal using long division. |
| 22 | 7SP8b | Use, tables and tree diagrams for compound events. |
| 23 | 7NS3 | Use proportion to solve multi-step ratio and percent problems. |
| 24 | 7G2 | Area and circumference of circle. |
| 25 | 7NS2c | Represent proportional relationships by equations. |
| 26 | 7EE4 | Generate simple equations and inequalities using variables. |
| 27 | 7NS2a | Uniform probability models to determine probabilities. |
| 28 | 7NS3 | Use four operations to solve problems. |
| 29 | 7EE4a | Solve equations of the form $ax + b = c$ and $ax + b = cx + d$. |
| 30 | 7G2 | Draw geometric shapes with given conditions. |
| 31 | 7NS1a | Describe situations in which quantities combine to make 0. |
| 32 | 7EE1 | Operations with, addition, subtraction, and expand linear expressions. |



*Note: Not all Assessments currently include curriculum reporting. A full list of reports-enabled Assessments can be viewed at www.3plearning.com/mathletics/assessments



Mathletics Assessment reporting by curriculum outcome is hugely powerful. **DIAGNOSE** a student's requirements with an individual **REPORT** to then **TARGET** their needs by assigning relevant adaptive practice activities.