The New LAMS Gradebook (available from version 2.3) is a central place for Teachers and Learners to view their results from LAMS lessons.

- For Teachers and other educators, the Gradebook allows for the centralised marking of learner contributions over all the lessons in a course.
- For Learners, the Gradebook gives an overview of all their work in a LAMS course.

### Using the Gradebook

#### Enabling the Gradebook

The Gradebook features must be enabled by a System Administrator for each course they are required. [Click here for details.](#) (Click again to hide.)

**Enabling the Gradebook for a Group**

System Administration privileges are required.

1. Select **Group Management** on the Home Screen.
2. Click the Group Name that you wish to enable Gradebook for.
3. Click the **Edit (Group Name)** button. eg: Edit Playpen
4. Check the box for **Enable Gradebook for Monitors**
   - If necessary, untick the **Enable Gradebook for Learners** checkbox. This will restrict Gradebook access to Group Monitors only.
   - You cannot enable the gradebook for Learners and NOT for Monitors.

#### Authoring Using the Gradebook

**Authoring: Mapping Activities to a Gradebook**

All tool activities in a sequence will appear in Gradebook, you will see progress and time information for all tool activities regardless of whether the activity is a noticeboard or a multiple-choice activity. However, you might want to set up a select set of activities in a sequence that will automatically send data straight to Gradebook when a learner finishes an activity. This can be used as a means of automated marking, and will take any type of integer output - for instance number of correct answers in a multiple choice, or number of postings in a forum, and - send the data straight into gradebook upon the learner's completion of the activity. One of the great advantages of this is that the Gradebook output mappings you set up in author can be saved and exported along with the sequence, which can be shared and re-used at a later date.

Any activity that outputs a number can have its result sent to Gradebook. Some examples are:

- **Multiple choice** can output the number of correct answers.
- **Forum** can output the number of posts.
- **Wiki** can output the number of contributions or edits.
- ... and et cetera.

For information on the outputs from each activity, view the outputs section on each activity page.

To add an activity to the Gradebook, select the appropriate output for assessment under the **Gradebook Output** field in the **Properties Inspector** (For more information on available outputs, see the individual activity pages - links are above.)

Depending on the content of the activity, and the activity type, the outputs to Gradebook will automatically update. For example, a Multiple choice with 10 questions will output a mark out of ten, while a forum outputting 'number of posts' will pass a number value to the Gradebook.

**Authoring: Mapping to Competencies**

If you have a sequence that has included **competences**, these can be displayed as part of the gradebook.
The competences column needs to be enabled for each particular view using the button.

Monitoring and Marking the Gradebook

Once a lesson has been marked, the marks need to be released for learners to view them. The release option is at the top of any unreleased gradebooks (course or lesson).

Gradebook Interface

The following screenshot details the elements of the Gradebook interface:

- Refresh: Updates the gradebook with the latest results from the Lesson.
- Search: Opens a search box that allows for searching of lesson names or learner names.
- Show/Hide Columns: Selects columns to display as part of the gradebook
- Navigation: moves between pages of the gradebook, and also allows monitors to choose how many records are displayed.
- Sorting: The gradebook can also be sorted by each column, by clicking the title at the top of each column.
- Clicking the icon on the left of each row will show a sub-grid containing further related information about that row.

Gradebook Lesson Marking

To open the Gradebook marking page for an individual lesson, click the button for the lesson. There are two views in this page "Learner Lesson View" and "Activity View". The two views hold a lot of the same data, but give you a different way of looking at the data, each will be described further below. It is recommended that if you update information in one grid, you click the refresh button in the other to ensure that you have all the most current information.

It is important to notice that for both views, you can click the icon to expand a row and get further information. The contents of that information will be described in more detailed in the following sub-headings.

Note that near the top of the page there is a link to "Release the marks for this lesson". This allows you to mark the entire class and make all your adjustments before anyone can see their marks. Once released, the row for the lesson will appear in the "My Grades" page for all the learners in the lesson. You can re-hide the marks by clicking 'Hide'.
Learner Lesson View

Learner Lesson View gives you a grid containing the names of all the learners who are in the class for the current lesson. As was stated earlier, you can navigate through the grid using the controls, or search for learners using the search function. Also, you can sort the grid by Name, Time Taken and Mark by clicking the column at the top, this is handy if you want to see where each learner lies comparatively with others.

For this view you will see five columns: Name, Progress, Time Taken, Lesson Feedback and Mark. This data is relevant to the entire lesson for the learner, for example 'Time Taken' is the time taken to complete the entire lesson and the 'Mark' is the aggregated mark for the entire lesson. The 'Lesson Feedback' and the 'Mark' fields can be edited here by clicking on them, however you may want to leave the Mark column, as by default this will be calculated as an aggregate when you submit the marks for each activity.

Clicking the expand button on a learner row will produce a sub-grid containing all the activities in the lesson and the learner's corresponding marks. Here you can mark a learner's individual work for each activity, if you prefer to mark one learner's entire work for a sequence at a time, this view is going to be very handy for you.

The sub-grid contains by default four columns: Activity (Activity Name), Progress (Completed/Attempted/Not Attempted), Time Taken (Time taken for the activity) and Mark (Mark for the activity). Again, you can edit the 'Mark' column by clicking on it and entering a decimal value, if there is a maximum value for the mark (like in a multiple choice question) it will be displayed and you cannot give a higher mark. Note that when you apply the mark for an activity, it aggregates the lesson mark in the parent grid for the learner.

There are also some additional columns that can be displayed here if you wish by clicking the 'columns.png' show/hide columns button: Tool Outputs (All different outputs for the tool), Competences (Competences mapped in author to this activity) and Activity Feedback (You can give feedback just for this activity here).

An important thing to note here is that if the learner has completed the activity, clicking the activity name will open a learner view showing their particular work, which is very handy if you would like to see exactly what they did right or where they went wrong.
Activity View

Activity View gives you a grid containing all the tool activities in a lesson. You will see three rows with fairly self-explanatory names by default: Name (Activity Name), Average Time Taken, Average Mark. This view is great if you want to see how people performed as a whole for an activity. Note that you can click on the Activity name and open up the monitor page for that activity, which is handy for looking at more in-depth information about the activity. By clicking the show/hide columns button, you can also see the competence mappings for the activity if you please.

So far the Activity View does not show us much (apart from averages), however when you expand the rows by clicking the !tree_closed.gif! icon, the information becomes very valuable. Here, you can see for each activity the Marks, Progress and Time Taken for each learner - great for comparing the performance on particular activities. Note also that if the learner has completed an activity, you can see what they did by clicking on their name.

Grouped Activities

If you are working with a design that has grouped activities, a new row will be created in the activity view for each group. Each row will have the activity name displayed with the group name next to it in brackets.

Here, you can see the average time taken and the average mark across the group. Furthermore, expanding the activity will give you a list of each user in the group and their respective mark, which you can alter.

Gradebook Course Monitor

To view the gradebook for a course, use the button on the menu. This will open a gradebook displaying the marks for each learner across all of the lessons in the course.

Course Gradebook provides a view which is a level above the lesson marking view. Instead of seeing information particular to one lesson, you can see information across an entire course and its sub-groups. The default view gives a grid containing all the lessons in the course that the current user has monitor rights for. There are five columns: Lesson Name, Sub-Group (if the lesson was for a sub-group), Start Date, Average Time Taken (Average for the lesson), Average Mark (Average for the lesson). Note that clicking on the lesson name will open the Gradebook Lesson Monitor view discussed earlier for that lesson.

If you click the + icon next to a lesson name, it will expand and show you all the learners in that lesson's class. This sub-grid has four columns: Learner Name, Progress (finished/in progress/not started lesson), Time Taken (for the lesson), Lesson Feedback and Mark (for the lesson). You can edit the mark and feedback for the lesson, although if you prefer you can leave the mark and the individual activity marks will be aggregated to make up the lesson mark. This view is handy if you are required to do some data normalisation for a course and need to change all the learners marks.
Viewing Your Grades (Learners)

If it has been enabled in the course monitor pages, Learners can click on the My Grades icon to view their marks for all the lessons in a course. This page is basically a place where learners can visit and get all the current results and grades from the lessons in a course. They will be able to see results and averages for lessons as well as the activities in them.

The default view for "My Grades" gives a list of lessons in a course which the current learner is a member of. This is a read-only view that contains only information about the current user's grades. The columns that appear by default are: Lesson Name, Sub-Group (if the lesson was for a sub-group), Progress (finished/in progress/not started lesson), Lesson Feedback, Average Mark (for the lesson), Mark (learner's mark for the lesson).

If you click the + icon next to a lesson name, it will expand and show you a view of all the activities for that lesson, and the marks that the current learner got for them. The columns in this sub-grid are: Activity Name, Progress (attempted/completed/not attempted), Average Mark (for the activity) and Mark.