



CONFIGURING NETTREKKER INTEGRATION WITH EDSBY

The Edsby digital learning and analytics platform has an open architecture designed to connect tightly with many different school district systems. Edsby offers API-level integrations with other popular applications, or through open standards such as the IMS Global Learning Consortium’s Learning Tools Interoperability (LTI). This documentation will walk through how to configure NetTrekker with Edsby via the LTI standard.

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Section 1: Configuring for a District or School

Configuring the NetTrekker LTI tool at your District or School level will allow all Teachers in that District or School to have access to it.

Step #1:

Logged in as a District or School IT Admin, navigate to the District or School you wish to configure the NetTrekker LTI Tool at. In this case it is High Prairie School District:

High Prairie School District
18 Schools
8 Staff
880 Courses
11 Groups

Then, select Manage:

Home Scott Beasley

Step #2:

Upon selecting the Manage option, look for LTI Tool Providers and select New:

LTI Tool Providers

Step #3

Configuring the NetTrekker LTI Tool (Part 1)

Once you have selected to create a new LTI tool, a form will open allowing you to configure the way that Edsby uses the LTI tool. Since there are a few different ways that LTI tools work, there are many options on this form:



Edit LTI Tool

NAME

PRIVACY
Public ▼

Manual Paste XML By LTI 2 Registration URL

CONSUMER KEY

CONSUMER SECRET


URL

CUSTOM PARAMETERS

One per line, format: param=value

This app writes results back to the Edsby gradebook (LTI 1.1+).

Create new tool instance for each link.

 Enter description of this learning tool

Deployed Links

Name

The name of the tool. This will be seen by the end users, so it's best to make this clear and descriptive.

Privacy

When Edsby invokes an LTI tool, it sends single-sign-on (SSO) information to enable the tool to know which user is using the tool. In all cases, it sends the *type* of the user, so the tool can differentiate between a teacher and a student. It may also optionally send along additional information about the user. The default setting is **Public**, which will send the name, email address, and unique identifier of each student who invokes the link to the tool. We strongly recommend this setting to get the best



possible user experience with the LTI Tool. You may also set it to **Name Only**, which sends just the name, and **Anonymous**, which invokes the tool but uses only the unique identifier.

“This app writes results back to the Edsby gradebook (LTI 1.1 +)” Checkbox

If the app you are installing is capable of writing results back to the LMS, you may check the *This app writes results back to the Edsby gradebook (LTI 1.1 +)* checkbox.

Note that checking this checkbox has several side effects. It means that the tool may **only** be invoked as part of an assignment process, because it must be associated with a gradebook entry.

In practical terms, this means that if you have a tool which is capable of both non-graded operation (e.g. instruction, practice quizzes) and graded operation (e.g. tests) then you will need to create two instances of the tool in Edsby, one which is configured for no results and one which is configured for results.

NetTrekker consists of only non-graded operations so when setting up the LTI Tool for NetTrekker, you will **not** select this checkbox.

“Create new tool instance for each link” Checkbox

In general, LTI tools use the unique ID of the class and the unique ID of the teacher to create a unique class. Some tools do not do this, and will use all instances in the same class as the same link. If this is the case, check the “Create new tool instance for each link” checkbox.

Icon

If you wish to use an icon for the tool, click on the icon and choose an image file.

Description

Enter a short description of the tool.

Configuring the NetTrekker LTI Tool (Part 2)

For NetTrekker you will be using the Manual configuration as shown in the above screenshot. The Manual radio button should be selected by default. Enter the **Consumer Key**, **Consumer Secret** and **Launch URL** you have been given by NetTrekker and once all the information is entered correctly, click Save.

The NetTrekker LTI Tool is now ready for use by all Teachers (in the District or School where it was configured) in their Edsby Classes. To see how to leverage NetTrekker within a Class in Edsby, see Section 3.



Section 2: Configuring for Single Teacher use

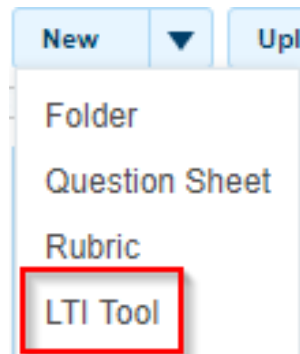
Step #1:

Logged in as a Teacher, navigate to your Personal Folder



Step #2:

Once in your Personal Folder, select the New dropdown option and select LTI Tool:



Step #3:

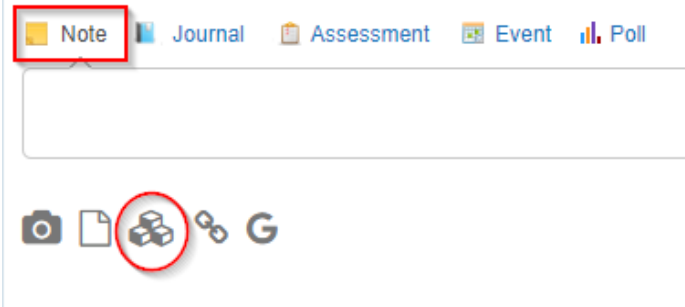
Follow Step #3 (Part 1 and Part 2) outlined in Section 1.

Your NetTrekker LTI Tool is now ready to use in your Edsby Classes. To see how to leverage NetTrekker within a Class in Edsby, see Section 3.

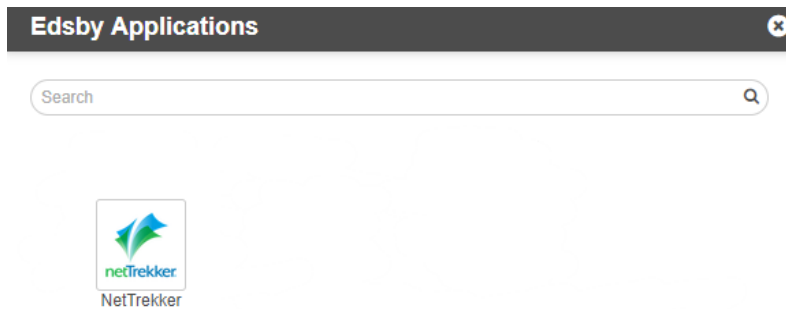


Section 3: Creating a NetTrekker Link in Edsby

Once steps #1-3 in Section 1 or Section 2 have been completed, as a Teacher navigate to your class in Edsby where you wish to leverage NetTrekker. When creating a new Note in your class, you will have the option to Add an app:



If you select the Add an app button, a popup will appear where you can select the newly created NetTrekker LTI Tool:



Upon sharing that Note it will create a clickable link within the Class Feed for the Teacher and the Students to use to access NetTrekker:



The screenshot shows the Edsby user interface. At the top, there is a search bar and navigation icons. Below the search bar, the user is identified as 'English ENG3U...'. The main content area displays a 'Note' created by 'Mr. George Richardson' titled 'NetTrekker'. The note content features the NetTrekker logo, which consists of a stylized green and blue leaf-like shape above the text 'netTrekker'. Below the note, there are options to 'Like', 'Reply', 'Pin', 'Remove From Library', 'Report Inappropriate', and 'Edit'. The left sidebar contains sections for 'Teachers' (listing Mr. George Richardson), 'Pinned Items' (showing 'No Pinned Items'), 'Students' (with a 'View All 20' link), and 'Course Plan' (showing 'No Items in Course Plan').

Once the Note is created it will automatically add that NetTrekker link to the Library for quick access as the Course Feed fills up and that Note may not be easy to find:

This screenshot shows a different view of the Edsby interface. At the top, there is a navigation bar with 'Home' and a user profile for 'George Richardson'. Below this, there are tabs for 'Setup', 'Gradebook', 'Perspective', 'Seating Plan', 'Planner', 'Attendance', and 'Report Card'. The main content area shows a calendar view for 'Fri, Oct 6' with 'Nothing scheduled'. Below the calendar, there are sections for 'Journal' and 'Library'. The 'Library' section contains the NetTrekker logo, indicating that the link has been added to the library for quick access.