

# Configuring LTI Connections

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This tool is available as part of the Campus Learning premium offering.

**Location:** [Digital Learning Applications Configuration](#) > [click a specific application](#) > [Add LTI Connection](#)

LTI (Learning Tool Interoperability) connections allow districts to establish connections with other learning tool providers and integrate those tools with assignments.

LTI connections differ from OneRoster connections. OneRoster connections allow applications to request section and roster data from Campus and send assignment, score, and grade data to Campus. LTI connections allow teachers to integrate learning tools with assignments. Students access these tools through [Campus Student](#) and scores are received into the Grade Book where available.

Digital Learning Applications Configuration
☆

Edit TurnItIn

**TurnItIn**

✔ Infinite Campus supports this connection
✔ SCORE PASSBACK
✔ ASSIGNMENT RESOURCE

LTI Connections (2) -

ENABLED	CONNECTION NAME	SELECTED SCHOOLS	
<input checked="" type="checkbox"/> YES	TurnItIn (HS)	2	>
<input checked="" type="checkbox"/> YES	TurnItIn (Middle)	3	>

+ Add LTI Connection

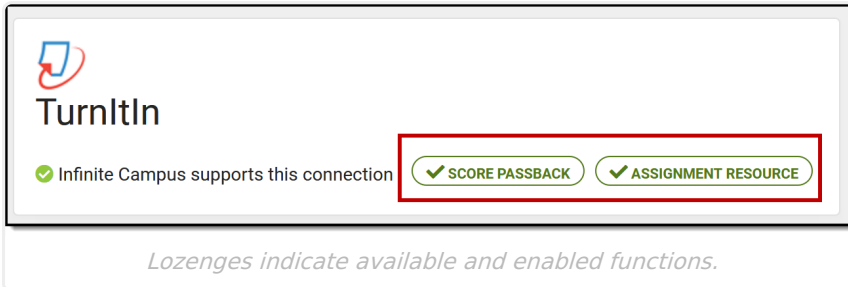
Done
Delete

Configure LTI connections to external learning tool applications.

Digital Learning Applications Configuration [tool rights](#) grant full access to this tool.

# Types of LTI Connections

The lozenges at the right of the screen indicate what types of connections are possible for the partner and what which have been enabled by the district.



Connections with **✓ LEARNING TOOL** enabled display in the [Learning Tools](#) list for teachers, students, and parents (if configured). Specific pieces of content from the partner program can also be aligned to assignments.

Connections with **✓ SCORE PASSBACK** enabled allow teachers to integrate an assignment in an external application with a Campus assignment, score assignments in the external application, and have those scores display in their Campus grade book. This type of connection requires an extra level of security. See the [More Information about Score Passback](#) section at the end of this article.

Connections with **✓ ASSIGNMENT RESOURCE** enabled allow teachers to align resources from the application with a Campus assignment, which students can then access through [Campus Student](#).

Connections with **✓ EMBEDDABLE CONTENT** enabled allow teachers to embed an image from the application in the Summary of an assignment, which students can then view in [Campus Student](#).

Lozenges that are black without a checkmark indicate that a type of connection is available for the partner but has not been enabled by the district.

## Enabling an LTI Connection

Select the partner to enable or click **Add Application** to select from the list of Campus-supported partners. Expand the **LTI Connections** section and click **Add LTI Connection**.

### New LTI Connection

**Name \***

**Launch Url (must start with https://) \***

**Transfer Email Address**

**Key \***

**Secret \***

**Enabled Schools (School must have Campus Learning License) \***

Each school can only have one connection per provider. Schools with an existing connection are not available for this connection. To change a connection, remove a school from the existing one and add it here.

<input checked="" type="checkbox"/>	Schools
<input checked="" type="checkbox"/>	Arthur Elementary (400 students)

Enter required data for a connection and select schools.

1. The **Name** is specific to the connection, modify if desired. If an application has multiple connections, it may be wise to differentiate the names of the connections.
2. The **Launch URL** and **Transfer Email Address** setting are populated by default, based on Campus settings. These fields will likely not need to be modified.
3. Enter the **Key** and **Secret** provided by the partner, which allows Campus users to connect the partner program.
4. The  button attempts to make a connection with the application using the information provided. Note: the user performing the test should have an email address entered on the [Demographics](#) tool to perform the test.
5. Modify the **Enabled Schools** list if desired. All schools are selected by default. Unmark the checkbox next to any schools that shouldn't be included in the connection.
6. Mark **Allow Campus Parent Portal Access** to add the partner to the Learning Tools list in [Campus Parent](#). Only applications marked as *Learning Tools* can display for parents.
7. The **Advanced Settings** area includes multiple configuration sections. Data populates in these sections as applicable for the application. Users should not need to modify these values at this time.
8. Click **Save** when finished and Close to return to the partner.

Give teachers [tool rights](#) to **External Learning Tools** to grant access to LTI tools.

## Enabling Multiple Connections for an Application

An application may have multiple connections, such as if the high schools and middle schools in a district are using different connection data. To add additional connections, click **Add LTI Connection** from the application page. Give each connection a unique name; by default, connection names are iterated numerically.

Each school can only have one connection per provider. When adding an additional connection, and schools selected in existing connections are not listed in the new connection.

## Restore Defaults

Click **Restore Defaults** to restore fields to the default options provided by Campus.

## More Information about Score Passback

- Only assignments scored using points can use score passback functionality. Assignments scored using marks or rubrics should not use this option.
- Most applications make the connection between the teacher in Campus and the user of the external application based on the email address entered in [Demographics](#).
- Scores are received from the external application as percentages. The student's numerical score is then calculated using that percentage and the Points Possible entered on the assignment in Campus.