

# Alexander Street LTI App Configuration on Canvas

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## Test Environment

Instructure runs a free site at <https://canvas.instructure.com>. This is the environment that Alexander Street used to test our LTI app and prepare these instructions. Your version of Canvas may be different.

Normally you would be logging into your institution's installation of Canvas. Should you want to try the test environment, follow the registration process and register as a 'Teacher'. Your login will bring you to a template site with a sample course.

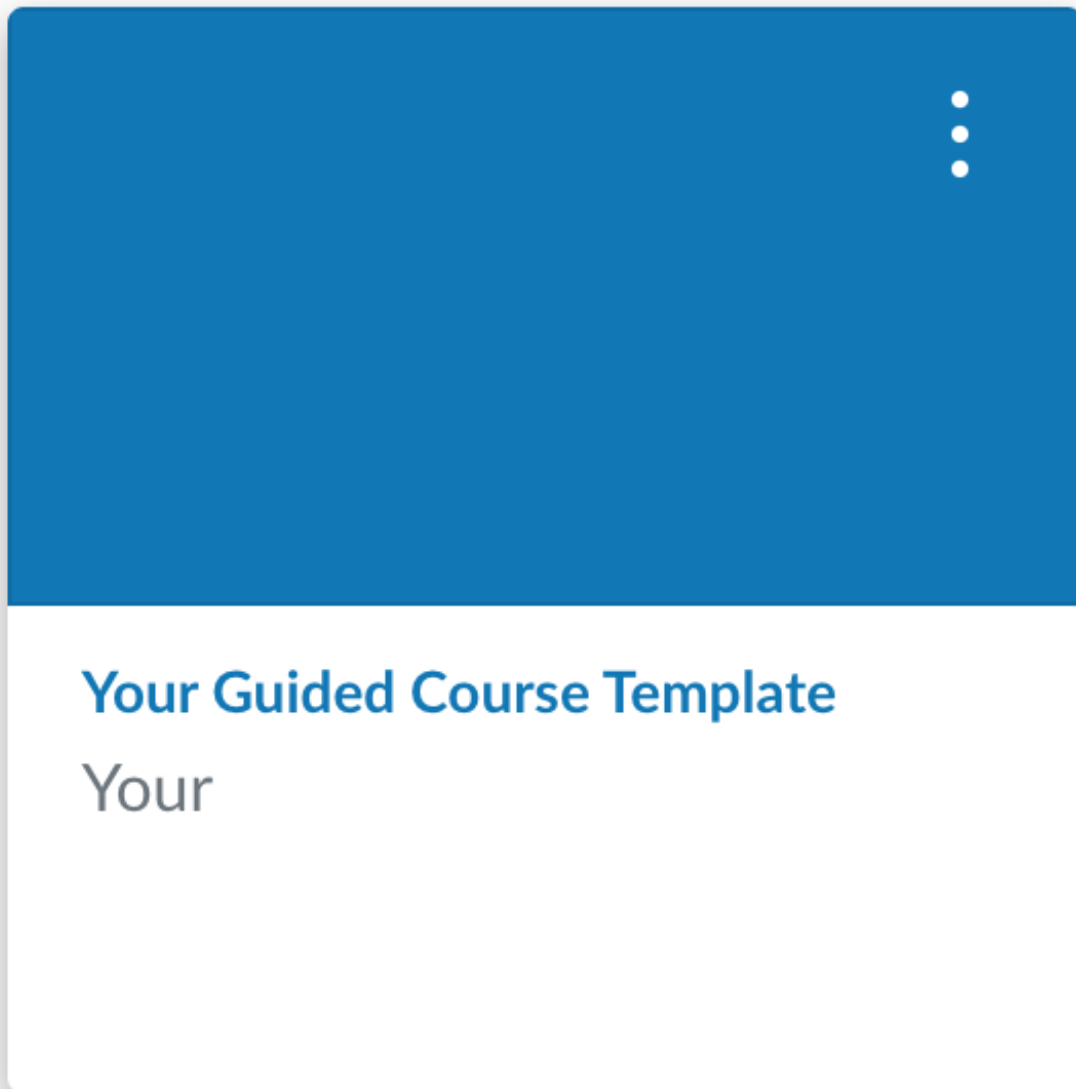
## Installation of the Alexander Street LTI Applications

LTI Apps are installed via the Course → Settings menu item.

There are two main ways to install LTI Apps outlined below. To start, **select a course** from the Dashboard or Course menu. Or you can create a new course first and select that one. The test environment comes with a course called "Your Guided Course Template".

# Dashboard

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Then visit the **Apps** tab of the Setting page.

## Installation via EduAppCenter

Use this technique if you want a stock installation. Canvas will load the LTI app configuration provided by Alexander Street. We have an LTI app for video.alexanderstreet.com called "Alexander Street Video" and an LTI App for search.alexanderstreet.com called "Alexander Street Music and Text".

The screenshot shows the Canvas 'Your > Settings' page with the 'Apps' tab selected. The 'External Apps' section displays a grid of six app tiles: Accepi, acclaim, Accommodate HQ, Accredible, Active Learning in Sustainable Development, and Adjust-All HQ. A 'Filter by name' search box is present. The right sidebar shows course management options and a 'Current Users' table.

Current Users	
Students:	None
Teachers:	1
TAs:	None

You can filter by name:

This screenshot shows the same Canvas 'Your > Settings' page, but with the 'Filter by name' search box containing the text 'Alexander Street Video'. The app grid now only displays the 'ALEXANDER STREET' app tile. The 'Current Users' table remains the same.

Current Users	
Students:	None
Teachers:	1
TAs:	None

Click on the App tile and the "Add App" and enter the Consumer Key and Secret.

# Add App



Name

Alexander Street Video

Consumer Key

Consumer Key

Shared Secret

Shared Secret

Close

Add App

The Consumer Key and Secret is provided by ProQuest customer service.

## Installation via XML Paste

Use this technique if you want to alter the "placements" or other features of the XML Configuration. There are a couple ways to come up with the configuration XML you need.

### Modifying the Stock XML

For the LTI App for video.alexanderstreet.com, go to <https://video.alexanderstreet.com/lti-configuration.xml>

For the LTI App for search.alexanderstreet.com, go to <https://search.alexanderstreet.com/lti/config.xml>

Copy the stock XML into an editor and make the changes you want to the configuration.

To get this into Canvas, select "View App Configurations" and then use the +App button to add a new App. Select Configuration Type "Paste XML"

Add App

Configuration Type

Paste XML

Name

Name

Consumer Key

Consumer Key

Shared Secret

Shared Secret

XML Configuration

XML Configuration

Cancel

Submit

Give your App a name like "Alexander Street Video" and then paste your XML into the large box. Enter your Consumer Key and Secret and then Submit.

## Testing

The Canvas UI provides a variety of paths into the LTI apps that are installed. These are called "placements". A placement is an indicator where in the Canvas UI the user has to click to launch the LTI app.


## Using the LTI app to embed content in a page

The main placement is an editor button added to the rich text editor used to create LMS page content. So to start create or select an Assignment, and then edit the assignment. The Alexander Street icon will be in the editor menu.


The screenshot displays the Canvas LMS interface for editing an assignment. On the left is a dark sidebar with navigation icons and labels: Home, Account, Dashboard, Courses, Calendar, Inbox, Commons, and Help. The main content area has a breadcrumb trail: NA-COURSE-TEMPLATE > Assignments > Sample Assignment. Below this is a 'Published' status indicator. The editor title is 'Sample Assignment'. A green 'Editing Help' button is visible. The rich text editor contains the text 'This is a sample assignment.' and a video player labeled 'Alexander Street Video'. The video player has a search icon in the top left corner. The bottom of the editor shows fields for 'Points' (0) and 'Assignment Group' (Assignments). On the right side, there is a 'Links' tab with a list of links: Pages, Assignments, Quizzes, Announcements, Discussions, Modules, and Course Navigation. A 'Show Me How' button is located at the bottom right.

Clicking this icon opens the search box, where you can do a search.

# Alexander Street Video




Our Blue PPlanet



51920 videos for your search for *Our Blue PPlanet*

Filter your results

Sort by Relevance




## Our Blue Planet

Our Blue Planet, Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

Embed Video

View Video



## Our Planet, Our Health

Our Planet, Our Health, Directed by Julia Dyer, Produced by Julia Dyer, Produced by Dallas TeleLearning, In Journey to Health: Mind, Body, Spirit, (Dallas, TX: Dallas County Community College District, 2003) , 28 minutes

Embed Video

View Video

You can view the video and embed from there, or you can embed right from the search results. There are three options: Return Link, Embed Medium, Embed Large. When you select one of these, the popup disappears and your embed choice is pasted into the body of the page you are editing at the location of your cursor.





## Using the LTI App to create a Module Item

To get to this dialog, go to Courses → Modules. Select the + button to add a module item. Then select External Tool as the type of item to add.

Add Item to Module One

Add External Tool to Module One

Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.

**Alexander Street Video**  
Search and embed Alexander Street video

**Roll call**  
A very handy tool for creating seating charts and keeping track of attendance.

URL:

to use this tool the domain must match rollcall-test.instructure.com

Page Name:

☐ Load in a new tab

Cancel Add Item

The Add 'External Tool' to Module is where the 'Link Selection' placement is featured.

The Alexander Street Video has a search icon next to it because it is configured as a ContentItemSelection message.

By comparison, the Roll call tool adds a static link.

## Copying an LTI Link from video.alexanderstreet.com into Canvas Manually

These are the steps you can follow when you already have the link from the Share tab of the Alexander Street player page. The instructor can use these steps to paste the URL into an assignment. Note that the LTI App needs to have been configured by the administrator in advance as described above.

In this example, I copied the launch URL and citation from

<https://video.alexanderstreet.com/embed/our-blue-planet-2?context=channel:blue-planet-ii>

Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

Go to **Courses** → **+Assignment** to add a new assignment. The following form appears. Paste the video title in the the Assignment name. Add the citation to the body. And set the **Submission Type** to **External Tool**. Paste the Launch URL into the submission type. Press **Save and Publish**.

Our Blue Planet

HTML Editor

**B** *I* U A **A** *I*<sub>x</sub> 12pt Paragraph

Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

p 33 words

Points

0

Assignment Group

Assignments

Display Grade as

Points

☐ Do not count this assignment towards the final grade

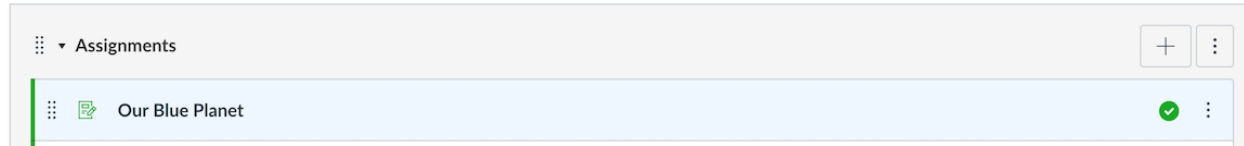
Submission Type

External Tool

External Tool Options

Enter or find an External Tool URL

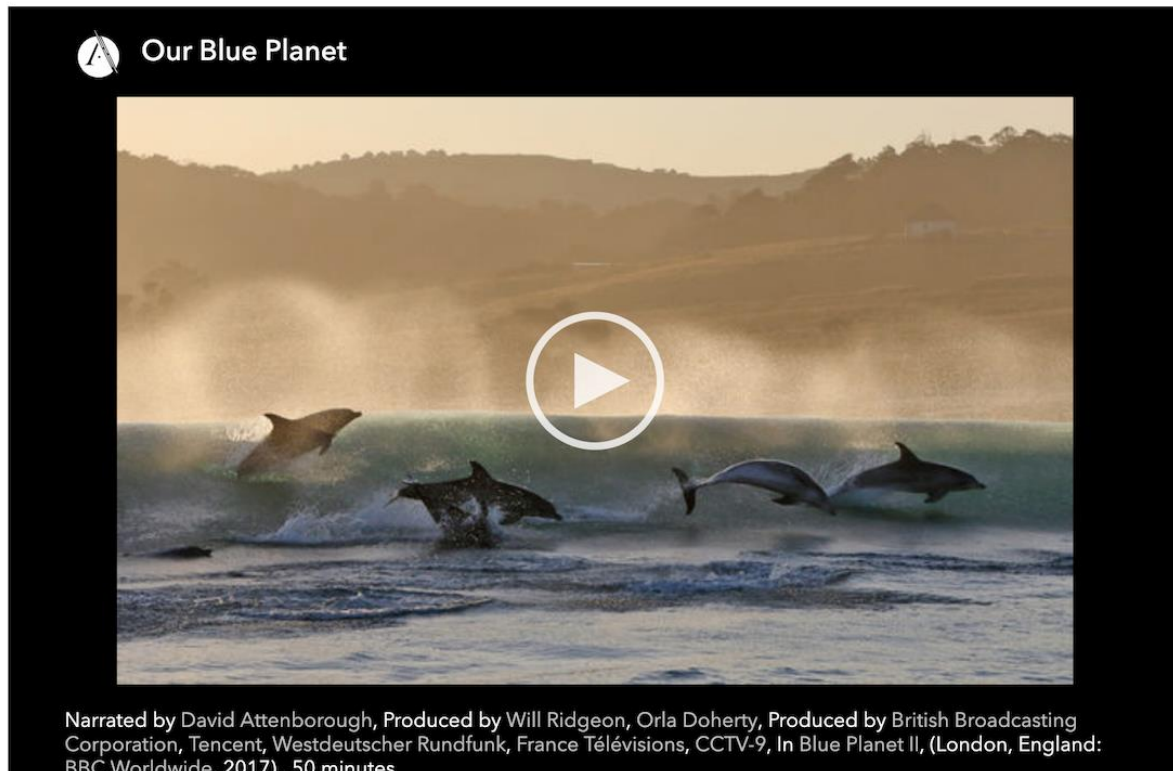
After publishing this assignment, the course assignments look like this...



Viewing this assignment shows the video....

## Our Blue Planet

Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes



In general, this is more steps than using the editor button tool to find the video and paste it from the result set. But this demonstrates another way to insert a link to Alexander Street content into the course.

## Canvas Documentation

Canvas Documentation on ContentItemSelectionRequest

[https://canvas.instructure.com/doc/api/file.content\\_item.html](https://canvas.instructure.com/doc/api/file.content_item.html)

IMS Global Documentation on ContentItemSelectionRequest

<http://www.imsglobal.org/specs/litciv1p0/specification-3>

EduAppCenter Documentation

These are the instructions for how Canvas supported LTI content insertion through 'extensions' prior to IMS Global standardization

<https://www.eduappcenter.com/docs/extensions/content>

## Canvas Support

Search here for articles on development or configuration questions

<https://community.canvaslms.com>

There is also a Bitnami Canvas AMI Instance for AWS

<https://aws.amazon.com/marketplace/pp/B01990PK56?ref=recommended&m=ps1>