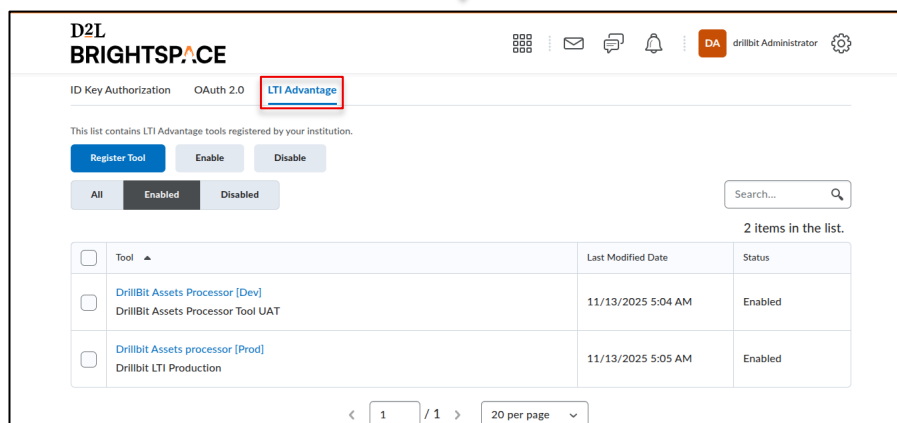
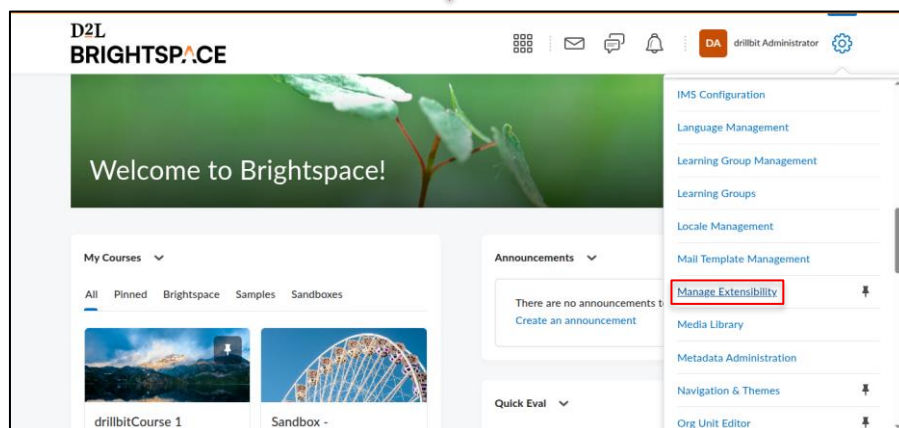
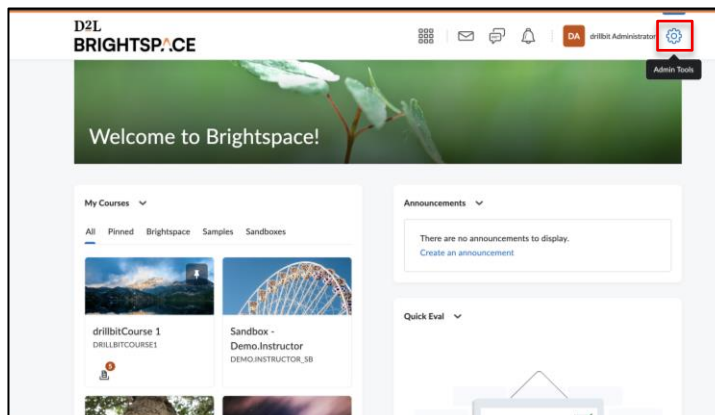


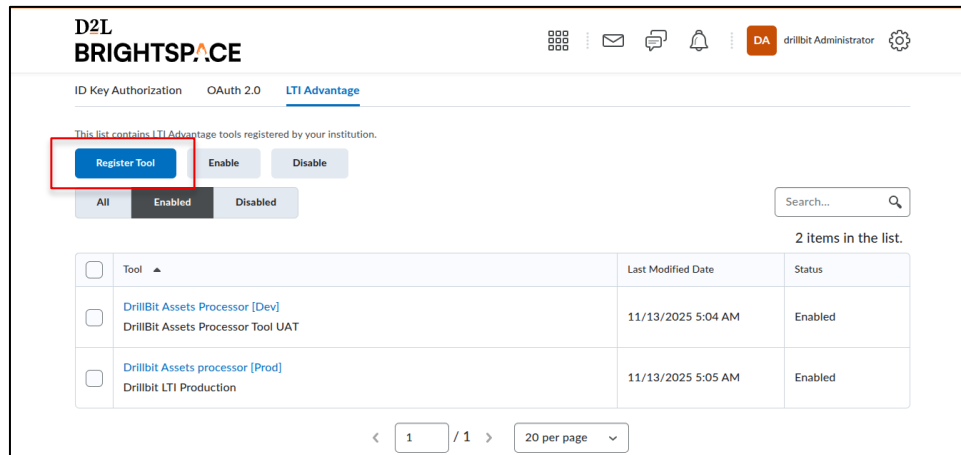
DrillBit – Brightspace Integration Checklist

Step 1: Register DrillBit in Brightspace

- Log in as Administrator → Admin Tools → Manage Extensibility → LTI Advantage.



- Click "Register Tool" → Standard.



The screenshot shows the 'Register a Tool' form in D2L BRIGHTSPACE. The form has a title 'Register a Tool' and a question 'How would you like to register your tool?'. Below the question, there's a link 'What is Dynamic vs. Standard Registration?'. There are two radio button options: 'Standard' (selected) and 'Dynamic'. At the bottom, there are two buttons: 'Register' and 'Cancel'.

- Enter required details (Domain, Login URL, Redirect URL, Target Link URI, Keyset URL).

1. **Domain::** <https://ltiap.drillbitplagiarismcheck.com>
2. **Redirect URLs ::** <https://ltiap.drillbitplagiarismcheck.com/lti/launch>
3. **OpenID Connect Login URL ::** <https://ltiap.drillbitplagiarismcheck.com/lti/login>
4. **Target Link URI ::** <https://ltiap.drillbitplagiarismcheck.com/lti/launch>
5. **Keyset URL::** <https://ltiap.drillbitplagiarismcheck.com/lti/jwks>

- Enable Extensions: Assignment & Grade Services, Deep Linking, Names & Role Provisioning.

Enabled ☒

Name *

DrillBit Asset processor tool

Description

Plagiarismcheck tool

Domain *

https://ltiap.drillbitplagiarismcheck.com

Redirect URLs *

https://ltiap.drillbitplagiarismcheck.com/lti/launch

+ Add Redirect URL

OpenID Connect Login URL *

https://ltiap.drillbitplagiarismcheck.com/lti/login

Target Link URI

https://ltiap.drillbitplagiarismcheck.com/lti/launch

- Enable "Send Institution Role".

Extensions

What are Extensions?

☒ Assignment and Grade Services

☒ Names and Role Provisioning Services

☒ Platform Notification Service

☒ Asset Processor

Roles

☒ Send Institution Role

- Add substitution parameters (\$User.username, \$User.id, course & resource variables).
- Click Register and save the Client ID.

Substitution Parameters

What are Substitution Parameters used for?

Name *	Value *	
user_name	\$User.username	X
user_id	\$User.id	X
course_title	\$CourseOffering.title	X
resource_title	\$ResourceLink.title	X
resource_description	\$ResourceLink.description	X
resource_start_time	\$ResourceLink.available.startDateTime	X
resource_end_time	\$ResourceLink.available.endDateTime	X
resource_submission_end_time	\$ResourceLink.submission.endDateTime	X

+ Add Substitution Parameter

Custom Parameters

What are Custom Parameters used for?

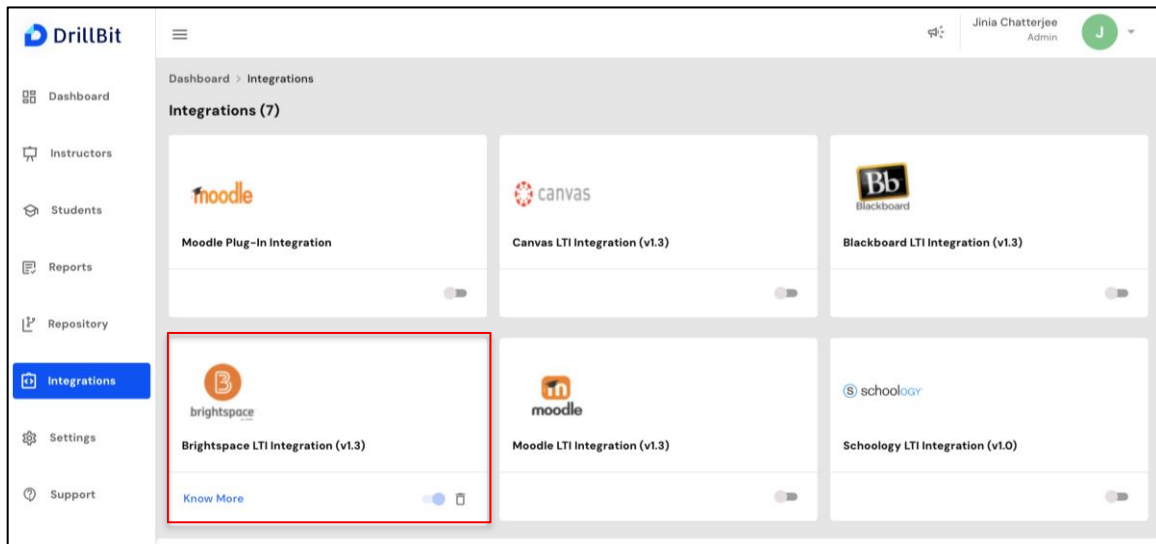
No items found.

+ Add Custom Parameter

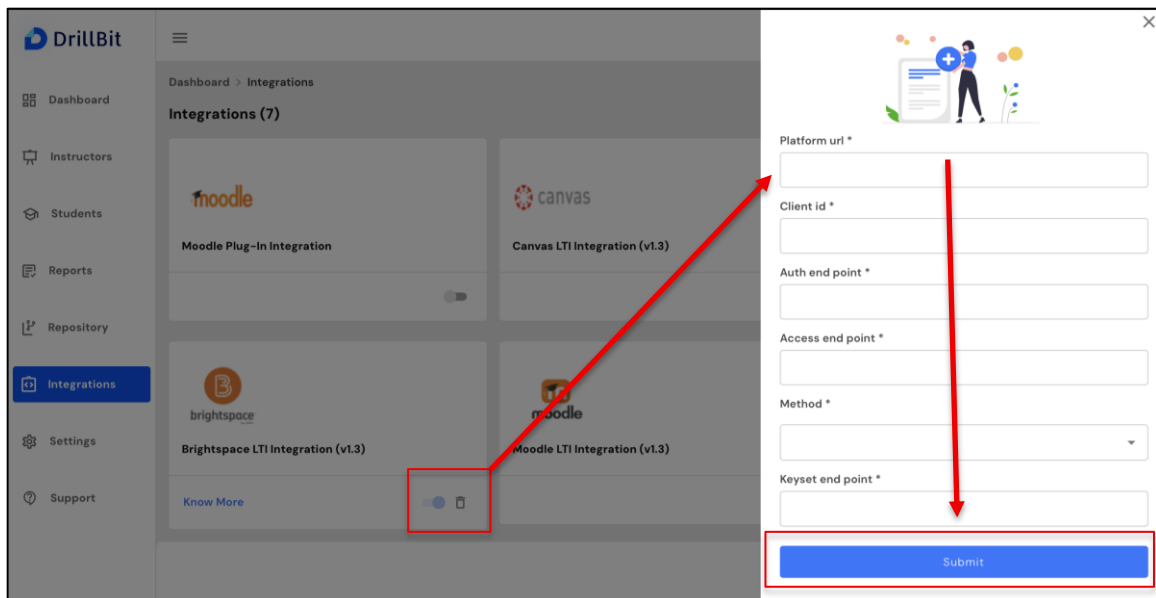
Register Cancel

Step 2: Configure Brightspace in DrillBit

- Log in to DrillBit Admin account → Go to Integrations → Brightspace → Toggle the integration ON



- Enter Brightspace Client ID and other details which can be found in “Tool Details” on Brightspace. Once done, save the configuration.



Step 3: Create Deployment & Link

- In Brightspace → Tool Details → View Deployments → New Deployment.

Brightspace Registration Details

Client Id
e271d4a5-41ee-4b51-a308-74c3f7cec002

Brightspace Keyset URL
https://drillbit.d2l-partners.brightspace.com/d2l/.well-known/jwks

Brightspace OAuth2 Access Token URL
https://auth.brightspace.com/core/connect/token

OpenID Connect Authentication Endpoint
https://drillbit.d2l-partners.brightspace.com/d2l/lti/authenticate

Brightspace OAuth2 Audience
https://api.brightspace.com/auth/token

Issuer
https://drillbit.d2l-partners.brightspace.com

[View Deployments](#)



D2L BRIGHTSPACE

External Learning Tools

[LTI Advantage](#) [Manage Tool Links \(Legacy\)](#) [Manage Tool Providers \(Legacy\)](#) [Migration Log](#)

You can now migrate from Legacy LTI [Learn More](#)

[New Deployment](#) [Enable](#) [Disable](#)

[All](#) [Enabled](#) [Disabled](#)

Registration 1 Search...

1 item in the list.

☐	Deployment Name	Registration Name	Enabled Extensions	Last Modified Date	Status
☐	Asset processor Development	DrillBit Assets Processor [Dev]	☒ Assignment and Grade Services ☒ Names and Role Provisioning Services ☒ Platform Notification Service ☒ Asset Processor	11/14/2025 4:15 AM	Enabled

< 1 / 1 > 20 per page

- Fill the Fields as shown in the image below:

D2L
BRIGHTSPACE

DA

drillbit Administrator

Deploy Tool

Enabled ☒

Auto Migrate Links ☒ ?

Tool *

DrillBit Assets Processor [Dev] ?

Name *

DrillBit plagiarism Tool

Description

DrillBit plagiarism Tool



Extensions

What are Extensions?

- ☒ Assignment and Grade Services
- ☒ Names and Role Provisioning Services
- ☒ Platform Notification Service
- ☒ Context Copy Notice
- ☒ Asset Processor

Security Settings

Select the information to share with the tool:

- ☐ Anonymous
- ☒ User Information
 - ☒ Name
 - ☒ First Name
 - ☒ Middle Name
 - ☒ Last Name
 - ☒ Email
 - ☒ User ID
 - ☒ Username
 - ☒ Org Defined Id
- ☒ Classlist including users not known to this deployment. ?

Configuration Settings

- ☒ Open as External Resource ?
- ☒ Grades created by LTI will be included in Final Grade ?
- ☐ Auto Create Grade Items ?

Substitution Parameters

What are Substitution Parameters used for?

Name *	Value *	
user_name	\$User.username	
user_id	\$User.id	
course_title	\$CourseOffering.title	
resource_title	\$ResourceLink.title	
resource_description	\$ResourceLink.description	
resource_start_time	\$ResourceLink.available.startDateTime	
resource_end_time		
resource_submission_end_time	\$ResourceLink.submission.endD	Value

- Select Org Units (Courses) and Click on Create Deployment.

Make tool available to:

Add Org Units

The Organization: drillbit ✕

The Course Offering: drillbitCourse 1, drillbitCourse1 ✕

The Course Offering: drillbitCourse 2, drillbitCourse2 ✕

The Course Offering: drillbitCourse 3, drillbitCourse3 ✕

Create Deployment Cancel

- Go to View Links → New Link.

Brightspace Deployment Details

Deployment Id

0e541835-bfb3-44a8-a894-278923f495be 

View Link

Done

- Add name, URL, and select Asset Process Assignments.

LTI Advantage Deployments > DrillBit plagiarism Tool > Links > Create Link

Create Link

Enabled ☒

Name *

Enable DrillBit

URL *

https://ltiap.drillbitplagiarismcheck.com/lti/launch

Description

Use DrillBit in this assignment

Type

Asset Processor Assignments 

[+ Add Substitution Parameter](#)

Custom Parameters

What are Custom Parameters used for?

No items found.

[+ Add Custom Parameter](#)

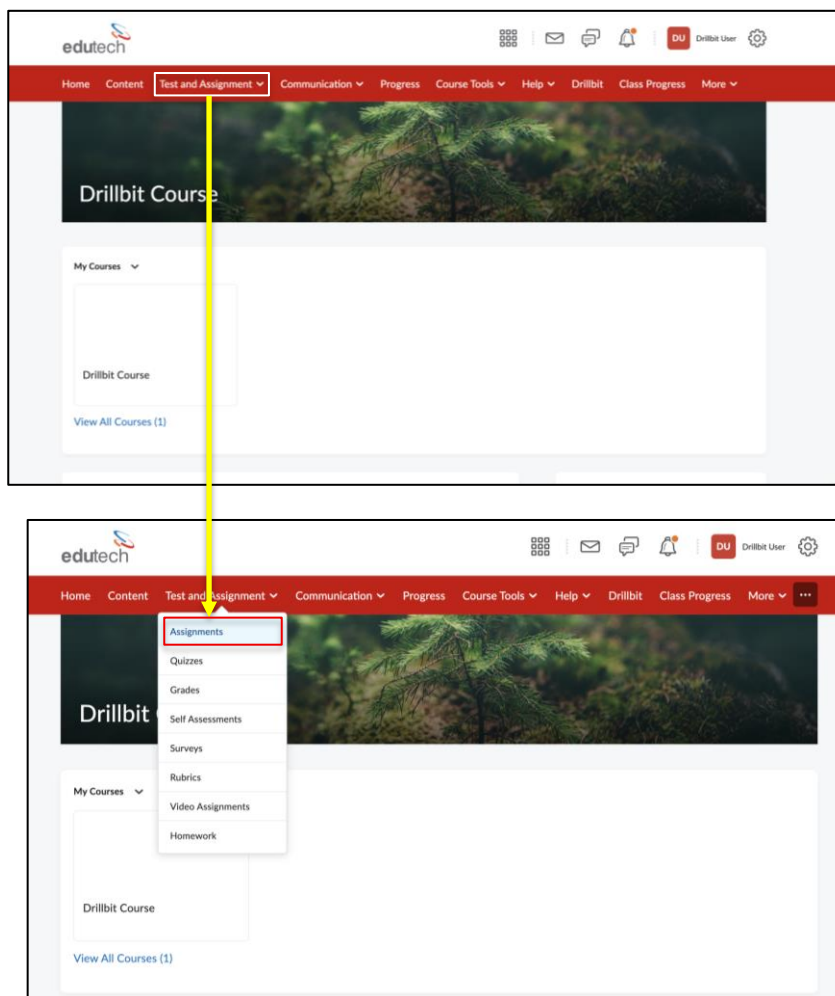
Save and Close

Save

Cancel

Step 4: Add DrillBit to a Course

- Go to a Assignments → New Assignment



- Add DrillBit to the Assignment.

The screenshot shows the 'New Assignment' form. The 'Assignment Title' is 'Untitled'. The 'Grade Out Of' is 'Ungraded'. The 'Due Date' is 'M/D/YYYY'. The 'Instructions' section is empty. The 'Availability Dates & Conditions' section shows 'Always available'. The 'Submission & Completion' section shows 'File submission'. The 'Evaluation & Feedback' section is highlighted with a red box and shows 'No rubric added' and 'No external tool added'. At the bottom, there are buttons for 'Save and Close', 'Save', 'Cancel', and a 'Hidden' toggle.



The screenshot shows the 'New Assignment' form with the 'Evaluation & Feedback' section expanded. The 'Learning Objectives' section shows 'No learning objectives' and a link to 'Manage Learning Objectives'. The 'Annotation Tools' section has a checked box for 'Make annotation tools available for assessment'. The 'Anonymous Marking' section has an unchecked box for 'Hide student names during assessment'. The 'Evaluators' section shows '2 evaluators can give feedback' and a link to 'Select Evaluators'. The 'Turnitin Integration' section shows 'Turnitin™ adds additional functionality to evaluation' and a link to 'Manage Turnitin'. The 'External Learning Tools' section has a link to 'Add External Tool' highlighted with a red box. At the bottom, there are buttons for 'Save and Close', 'Save', 'Cancel', and a 'Hidden' toggle.





You can now use DrillBit inside Brightspace courses.