

IGNITE REWARDS

Canvas Implementation Guide

Account Registration and LTI 1.3 Installation

Audience	Canvas Administrators
Estimated Time	10-15 minutes
Version	1.0
Last Updated	July 2026

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NOTE

Page numbers are set for the public guide structure. They may shift after screenshots are inserted and the final PDF is exported.

1. Overview

This guide provides customer-facing instructions for connecting a Canvas school or district to Ignite Rewards. The process has two parts:

- Register the Canvas account with Ignite Rewards by creating an API Developer Key and completing authorization.
- Install the Ignite Rewards LTI 1.3 application so users can access Ignite Rewards from Canvas.

BEST PRACTICE

Complete Part 1 first. Then complete Part 2 after account registration has been submitted successfully.

How the two setup steps work together

Part 1 allows Ignite Rewards to securely sync the required Canvas information. Part 2 adds the Ignite Rewards launch point inside Canvas for teachers and students.

[Optional architecture diagram: Canvas API + LTI 1.3 connected to Ignite Rewards]

2. Before You Begin

Confirm the following before beginning setup:

- You have Canvas Administrator access.
- You can create and manage Developer Keys.
- You know which Canvas district account or school sub-account will be registered.
- You are authorized to approve third-party applications for the school or district.

Information you will collect

Setting	Value
Canvas ID	Numeric value from the selected Canvas account URL
Custom Domain	Your Canvas domain, such as https://school.instructure.com
Client ID	Generated after the API Developer Key is created
Client Secret	Displayed one time after the API Developer Key is saved
Authorization Code	Generated during the OAuth authorization process

IMPORTANT

Use the school or sub-account Canvas ID when registering a school. Do not use the district Canvas ID unless the entire district is being registered.

3. Implementation Checklist

- ☐ Canvas account selected
- ☐ Canvas ID recorded
- ☐ API Developer Key created
- ☐ Required API scopes enabled
- ☐ Client ID recorded
- ☐ Client Secret saved securely
- ☐ OAuth authorization completed
- ☐ Registration form submitted
- ☐ LTI Developer Key created
- ☐ Custom fields added
- ☐ Placements added
- ☐ Application unlocked and set to Available
- ☐ LTI key enabled when ready for launch

4. Part 1 - Register Your Canvas Account

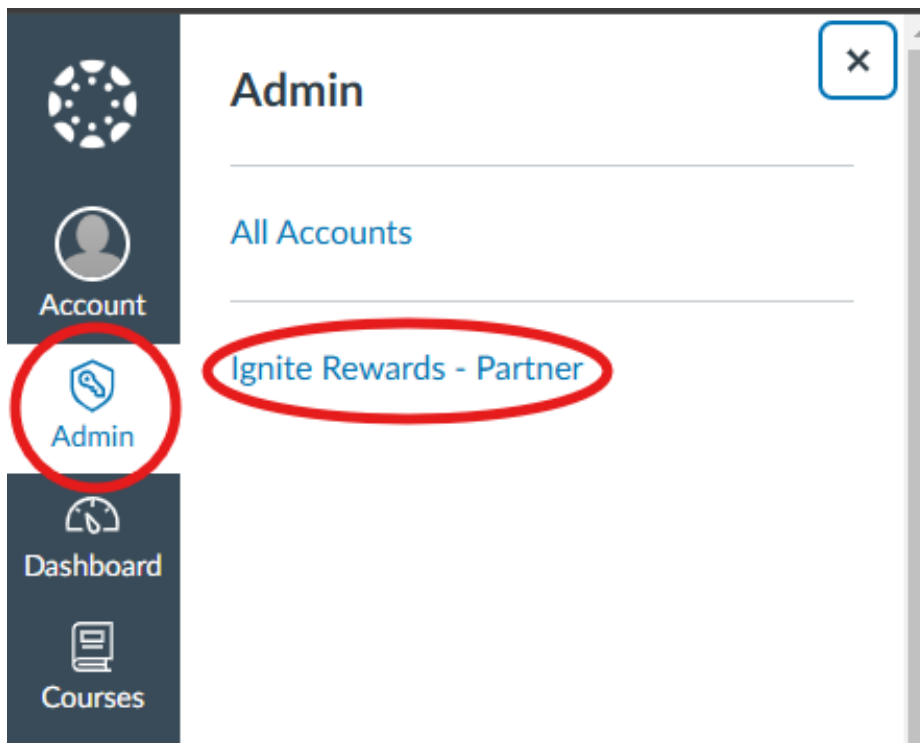
This section registers the school or district with Ignite Rewards. At the end of Part 1, Ignite Rewards will have the information needed to communicate securely with Canvas.

OUTPUT

After completing Part 1, you should have submitted the Ignite Rewards registration form with the Client ID, Client Secret, Custom Domain, Canvas ID, School Name, and Authorization Code.

Step 1. Select the Canvas Account

- Sign in to Canvas as an administrator.
- Select Admin from the left navigation menu.
- Choose the Canvas account where Ignite Rewards will be connected.

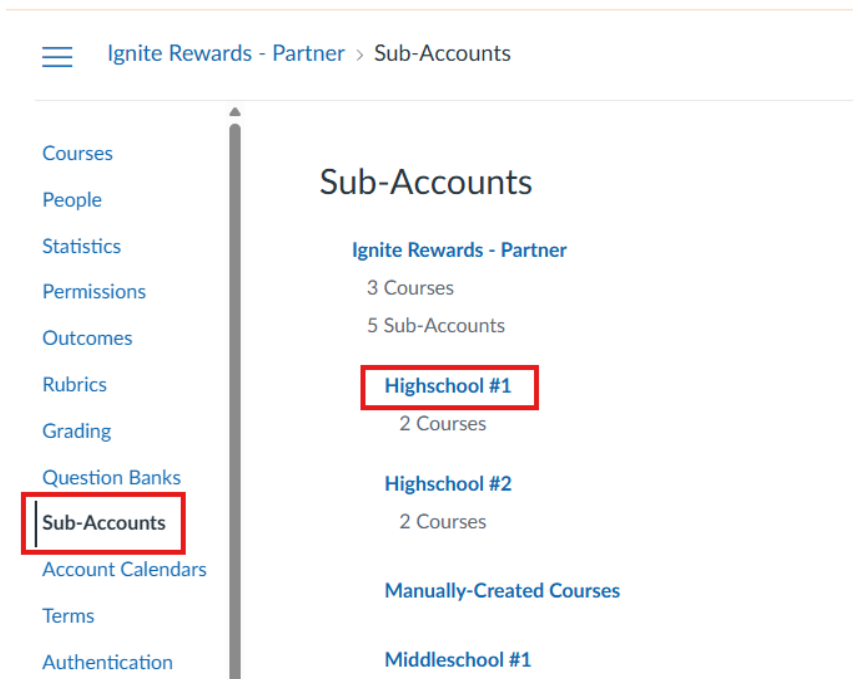


Step 2. Record the Canvas ID

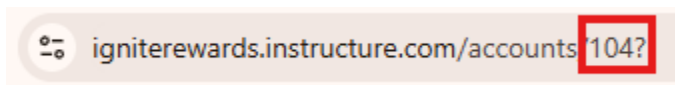
- Open Sub-Accounts.
- Select the school or account being registered.
- Look at the browser URL.
- Record the numeric Canvas ID shown in the URL.

TIP

The Canvas ID is usually the number at the end of the account URL. For example, if the URL ends with /accounts/104, the Canvas ID is 104.



[Look at the URL to get Canvas ID]



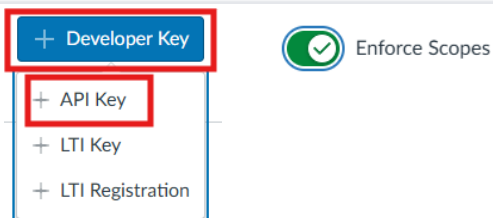
Step 3. Create the API Developer Key

- Return to the district Admin area.
- Select Developer Keys.
- Select + Developer Key.
- Choose + API Key.

Setting	Value
Key Name	Ignite Rewards API
Owner Email	Your administrator email address
Redirect URI	https://igniterewards.org/callback
Client Credentials Audience	Canvas
Enforced Scopes	Checked

Required API Scopes

```
GET|/api/v1/users/:user_id/enrollments
GET|/api/v1/users/:user_id/courses
GET|/api/v1/users/:user_id/missing_submissions
GET|/api/v1/courses/:course_id/students/submissions
GET|/api/v1/courses/:course_id/enrollments
GET|/api/v1/courses/:course_id/assignments
GET|/api/v1/courses/:id
GET|/api/v1/accounts/:account_id/courses
```



IMPORTANT

After clicking Save, Canvas displays the Client Secret one time. Copy it immediately and store it securely. After clicking close, copy the Client ID and toggle the API to **ON**.

Developer Key Created ×

 Copy this secret down now. Once you close this dialog you won't be able to retrieve the full secret anymore. The full secret is only shown immediately after creation or regeneration.

API Key secret

mP3khWruQUCRxcZ8G9hVCYL4znM9MUURT6HyVceKPZQhK7Vm7QZAyreDfFvUe7wU

Access Token

Count: 5

Created: Oct

26, 2024 at

11:21am



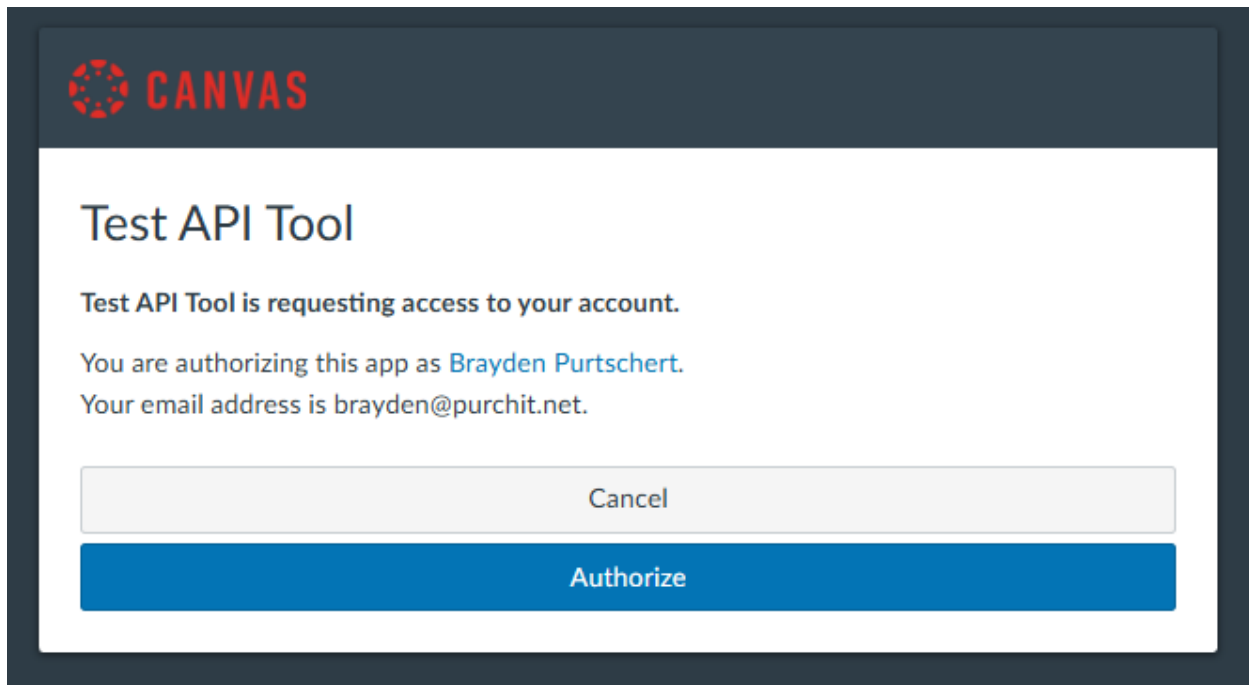
Step 4. Authorize Ignite Rewards

After creating the API Developer Key, use the OAuth authorization URL to authorize Ignite Rewards.

Replace {customdomain} and {client_id} with the values from your Canvas environment.

```
https://{customdomain}.instructure.com/login/oauth2/auth?client_id={client_id}&response_type=code&redirect_uri=https://igniterewards.org/callback&scope=url:GET%7C/api/v1/users/:user_id/enrollments%20url:GET%7C/api/v1/users/:user_id/courses%20url:GET%7C/api/v1/users/:user_id/missing_submissions%20url:GET%7C/api/v1/courses/:course_id/students/submissions%20url:GET%7C/api/v1/courses/:course_id/enrollments%20url:GET%7C/api/v1/courses/:course_id/assignments%20url:GET%7C/api/v1/courses/:id%20url:GET%7C/api/v1/accounts/:account_id/courses
```

- Open the authorization URL in your browser.
- Review the Canvas OAuth prompt.
- Select Authorize or Confirm to continue.



Step 5. Complete Registration

After authorization, Canvas redirects you to the Ignite Rewards registration form.

Setting	Value
Client ID	From the API Developer Key
Client Secret	Saved when the API Developer Key was created
Custom Domain	Your Canvas domain
Canvas ID	The school or account ID recorded earlier
School Name	Name of the school or district being registered
Authorization Code	Provided during the authorization redirect

- Enter all required values.
- Review the information for accuracy.
- Submit the registration form.

SUCCESS

Part 1 is complete when the Ignite Rewards registration form has been submitted successfully.

You have successfully received your authorization code.

Authorization Code:

4ab03e0c3fe1fb9d118bed6accd69eb517af9fa1f7f47f1db28fbb7f85e23655b5
3b36fb91faf36a2b19a70f163eff57a022fe0cc900ff8e8d073d48c07c1d99

Please provide the following information to finish registration for Ignite Rewards.

Registration Form

Client ID

Client Secret

Custom Domain

Canvas ID

School Name

Authorization Code

Submit

5. Part 2 - Install Ignite Rewards LTI 1.3

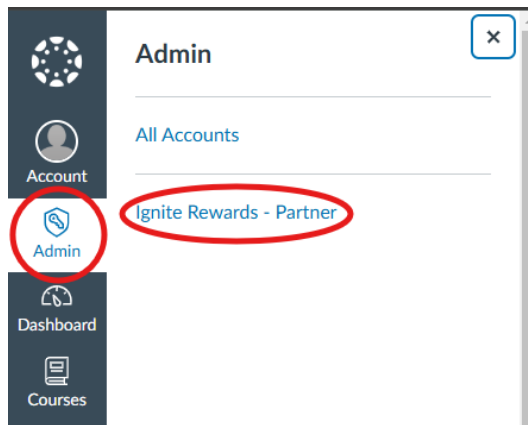
This section installs the Ignite Rewards LTI 1.3 application in Canvas. This is what creates the Canvas launch point for users.

RECOMMENDATION

Keep the LTI Developer Key disabled until the application is fully configured and you are ready for students to access Ignite Rewards.

Step 1. Create the LTI Developer Key

- Navigate to Admin.
- Select the district or school account where Ignite Rewards will be installed.
- Open Developer Keys.
- Select + Developer Key.
- Choose + LTI Key.



[Themes](#)

Developer Keys

[Analytics Hub](#)



Step 2. Configure LTI Settings

Setting	Value
Key Name	Ignite Rewards
Method	Manual Entry
Redirect URIs	https://igniterewards.org/lti/jwt
Title	Ignite Rewards
Target Link URI	https://igniterewards.org/lti/initiate
OpenID Connect Initiation URL	https://igniterewards.org/lti/initiate
JWK Method	Public JWK URL
Public JWK URL	https://canvas.instructure.com/api/lti/security/jwks

NOTE

Owner Email and Description can be completed using values that make sense for your organization.

Key Settings



Key Name:

Ignite Rewards

Owner Email:

brayden@purchit.net

Redirect URIs: *

https://igniterewards.org/lti/jwt

Notes:

Configure

Method

Manual Entry

Required Values

Title *

Ignite Rewards

Description *

Ignite Rewards LTI Connection

Target Link URI *

https://igniterewards.org/lti/initiate

OpenID Connect Initiation Url *

https://igniterewards.org/lti/initiate

JWK Method *

Public JWK URL

Public JWK URL *

https://canvas.instructure.com/api/lti/security/jwks

Cancel

Save

Step 3. Add Custom Fields and Placements

Expand Additional Settings and paste the following values into Custom Fields exactly as shown.

```
lis_person_name_full=$Person.name.full
custom_canvas_user_id=$Canvas.user.id
custom_canvas_account_id=$Canvas.account.id
custom_canvas_api_domain=$Canvas.api.domain
custom_canvas_account_name=$Canvas.account.name
custom_canvas_user_login_id=$Canvas.user.loginId
lis_person_contact_email_primary=$Person.email.primary
```

Additional Settings

Domain

Tool Id

Icon Url

Text

Selection Height

Selection Width

Custom Fields

lis_person_name_full=\$Person.name.full
custom_canvas_user_id=\$Canvas.user.id
custom_canvas_account_id=\$Canvas.account.id
custom_canvas_api_domain=\$Canvas.api.domain
custom_canvas_account_name=\$Canvas.account.name
custom_canvas_user_login_id=\$Canvas.user.loginId
lis_person_contact_email_primary=\$Person.email.primary

One per line. Format: name=value

Privacy Level

PUBLIC

PRIVATE

IMPORTANT

These custom fields are required for Ignite Rewards to identify the Canvas user, account, school, and login context correctly.

Next, add the required placement settings in Canvas. Use the placement options provided by Ignite Rewards for your implementation.

> LTI Advantage Services

> Additional Settings

Placements

Course Navigation X

User Navigation X

> Course Navigation

> User Navigation

Step 4. Enable the App

- Save the LTI Key.
- Keep the key disabled until the app is ready for launch.
- Select View in Canvas Apps from the Client ID area.
- Unlock the application.
- Edit availability and change Not Available to Available.
- Return to Developer Keys and toggle the LTI Key ON when ready for students.

NOTE

Canvas may take up to 10 minutes to show the Ignite Rewards link in course navigation after the app is enabled.

Ignite Rewards

brayden@purchit.net

273280000000000003
[View in Canvas Apps](#)

Access Token
Count: 0
Created: Oct 30, 2024 at 9:17am
Last Used: Never





Ignite Rewards

Nickname: Ignite Rewards | Installed: Oct 30, 2024 | Updated: Oct 30, 2024 by Brayden Purtschert

v1.3

 App is unlocked



Copy Client ID



Delete App



Lock app

Availability and Exceptions

Configuration

History

Control Ignite Rewards's availability and exceptions in Canvas, including setting exceptions for specific sub-accounts or courses. You can [view all of your sub-accounts](#) or [consult the documentation](#) for more information.

Installed in Ignite Rewards - Partner

Available



Add Exception

Deployment ID: 249:aa7ac76148906c09231a79172ceb5b22a78e8284

0 exceptions · 5 child sub-accounts · 11 child courses

[2 placements](#)

v1.3

 App is locked



Copy Client ID



Delete App



Unlock app

Installed in Ignite Rewards - Partner

Not Available



Add Exception

Deployment ID: 364:aa7ac76148906c09231a79172ceb5b22a78e8284

0 exceptions · 5 child sub-accounts · 11 child courses

[2 placements](#)

Exception to be edited:



[Ignite Rewards - Partner](#)

0 exceptions · 5 child sub-accounts · 11 child courses

Not Available



Available



Cancel

Save

6. Troubleshooting

Issue	What to Check
Ignite Rewards does not appear in Canvas	Verify the LTI Key is enabled, the app is unlocked, and the availability is set to Available. Wait up to 10 minutes for Canvas navigation to update.
Client Secret was not saved	Create or regenerate the Client Secret and update the value in the Ignite Rewards registration form.
Registration form rejects the Canvas ID	Confirm you are using the numeric ID from the selected school or sub-account URL.
Authorization fails	Verify the Redirect URI, Client ID, Canvas domain, and API scopes match the guide exactly.
Students cannot access the app	Confirm the LTI Key is toggled ON and the app has been made available in Canvas Apps.

7. Support and Revision History

For setup assistance, contact your Ignite Rewards representative or email help@igniterewards.org.

Setting	Value
Document	Canvas Public Implementation Guide
Version	1.0
Audience	Canvas Administrators
Status	Public Customer-Facing Draft

Revision History

Setting	Value
July 2026	Initial public implementation guide created for Canvas account registration and LTI 1.3 installation.