

## RAINBOW CLASSROOM-CANVAS INTEGRATION GUIDE

# **Rainbow Classroom**

(Canvas Integration Guide)





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## 1 Document History

Edition	Date	Changes / Comments / Details
01	30/09/2020	Initial Canvas Integration Guide
02	05/03/2021	Overview has been added. Screenshots have been updated.
03	26/05/2021	Screenshots and details have been updated.
04	09/07/2021	Screenshots and details have been updated.
05	06/08/2021	Screenshots and details have been updated for guest users.
06	25/07/2022	License details have been updated. Section 2.1 Feature list has been updated. Section 3.1 Screenshot has been updated. Section 5.1 Screenshot has been updated.



### 2 Introduction

### 2.1 Overview – The Product

Rainbow Classroom is a SaaS (Software as a Service) solution that offers powerful collaboration and learning tools for education and training institutes. It enhances and provides a deep integration with industry leading Learning Management Systems (LMS). Organisations can keep their existing LMS e.g. Canvas and create an integrated learning and teaching experience for both students and teachers alike. The integration with LMS works via the LTI (Learning Tools Interoperability) protocol while the internal Canvas APIs are also used for extended integration.

Enhanced integration with Canvas enables education institutes to leverage new collaboration methods without having to spend energy on changing their existing LMS solutions. Rainbow Classroom provides a range of collaboration features for better management of classroom sessions including:

- Centralised administration
- Dashboard for live and upcoming classroom sessions
- KPIs and attendance module
- School and teacher level classroom configuration controls
- Audio and video conferencing
- Screen-share for both students and teachers
- Course content sharing
- Classroom session recording
- Online and offline whiteboards
- Workgroups for offline collaboration between students and breakout rooms for in-call collaboration
- Classwork
- Welcome Screen, Course Material and Links
- Watch Together
- Breakout & Exams rooms

More information on the back office administration and live classroom features that enrich the attendee experience can be found in Rainbow Classroom user and administration guides.

### 2.2 Overview – The Guide

The purpose of this document is to explain the process of integrating Rainbow Classroom with Canvas LMS. This guide expects the user to be a Canvas administrator, which is the access level required for the necessary configuration in Canvas to integrate Rainbow Classroom. Apart from course details, the integration also makes it easier for teachers and students to access the Rainbow Classroom directly from Canvas.

This guide goes through the administrative steps required for initial configuration along with screenshots to provide a better understanding and relevant context.

The Table of Contents is also provided at the beginning of this document which includes hyperlinks. These links can be used to jump to sections and topics of focus. Sometimes only small parts of the screen are shown to highlight a specific item or feature of the user interface.



### 3 Setup Canvas API Integration with Rainbow Classroom

Rainbow Classroom leverages Canvas's open APIs to build an extended learning experience. As part of the configuration of Rainbow Classroom, a new and unique access token needs to be setup in Canvas.

### 3.1 Creating a New Access Token in Canvas

**Note:** It is important to note that an access token can only be generated by a user that has been configured with a role of Canvas administrator.

Following are the steps to create a new and unique API access token for Rainbow Classroom.

- 1. Log into your Canvas account as an administrator.
- 2. Click on the Account link in the left menu and then click on Settings link, as shown below.



#### Screenshot - Canvas account settings



3. You will be presented with the account settings screen. On this screen, scroll down and click on the **New** access token button under **Approved Integrations** section, as shown below:

Approved in	ntegrations:		
These are the thir	rd-party applications you have authority	orised to access the Canvas site on y	our behalf:
Арр	Purpose	Dates	
User-Generated	RainbowClassroom-Development	Expires: never Last used: 29 Sep at 6:52 details 💼	
+ New access Feature Op	tions		
<ul> <li>High contrast</li> </ul>	II		×
High Contrast enha identify. Note: Inst	nces the colour contrast of the UI (text, buttons tution branding will be disabled.	s, etc.), making those items more distinct and eas	ier to
Underline links	beta		<pre> • • • • • • • • • • • • • • • • • • •</pre>
LOR External T	ools hidden		•×

Screenshot - Access Token screen

4. The following dialogue of new access token will pop up. You need to describe the purpose in the respective field, select appropriate expiry date and click on **Generate Token** button as shown below:

**Note:** You can leave the **Expires** field blank for no expiration. If a date is mentioned then proper process should be put in place to ensure that Rainbow Classroom always has a valid access token for connectivity.

New access token	×
Generate an access token	
Access tokens are what allow third-party applications to access Ca resources on your behalf. These tokens are normally created autom for applications as needed, but if you're developing a new or limite vou can just generate the token from here.	nvas natically d project
Purpose:	
Expires:	,
Cancel	te Token

Screenshot - Generate Access Token



5. The following screen is displayed once you have clicked on **Generate Token** button. **Please copy the Token field and save it for the subsequent configuration of the Rainbow Classroom Administration**.

Access to	xen details ×
Access toker access token	is can be used to allow other applications to make API calls on your behalf. You can also generate s and use the Canvas Open API e to come up with your own integrations.
Token:	Excession and the second s
	Copy this token down new. Once you leave this page you won't be able to retrieve the full token anymore, you'll have to regenerate it to get a representation.
App:	User-Generated
Purpose:	Testing
Created	Sep 29 at 9:31am
createo.	
Last used:	**

Screenshot - Access Token Details

**IMPORTANT!!** If the token is not copied from the token generation screen or mislaid, it cannot be retrieved. The administrator will need to generate a new access token by repeating the above steps.

### 3.2 Canvas Access Token in Rainbow Classroom Administration

Before proceeding with the other sections of this guide, the newly created API access token needs to be configured in the Rainbow Classroom Administration. It is outside the scope of this document to cover the configuration steps for Canvas connectivity in the Rainbow Classroom Administration.

Please refer to "Rainbow Classroom – Administration Guide for Organisation Admin (Canvas)" documentation to find out the configuration steps and the place where Canvas access token needs to be provided.



## 4 Setup Rainbow Classroom as Canvas (External) App

Rainbow Classroom can be added as an external app in Canvas. This makes Rainbow Classroom available right inside the Canvas courses screens for students, teachers and guests. Already logged in users can simply click on Rainbow Classroom button and instantly jump to respective Rainbow Classrooms.

**Note:** Rainbow Classroom uses Learning Tool Interoperability (LTI) standard to work as an integrated app in Canvas.

#### 4.1 Creating a new Canvas App

Following are the steps to create a new "App" in Canvas:

1. Go to the **Admin** tab from the left menu and click on the specific admin account for which an administrator wants to create a new app in Canvas, as shown below.



Screenshot - Admin account



You will be presented with the following screen that will display all the courses available in your Canvas account.



#### Screenshot- Courses

**Note:** It is recommended to use Global App Settings instead of creating apps one by one in each course. Nevertheless, it is entirely possible to create Rainbow Classroom in specific courses(s) if an organisation wishes to do so.

If the app needs to be created for all the courses, then jump to **Settings** menu as shown below:



Screenshot- Courses



To create an app inside a particular course only, click on that course from the list. An example is shown below:



Screenshot- Courses

Selected course screen will be displayed. Click on the **Settings**, as shown below.





2. On this screen, choose **Apps** from the upper tab and then click **+App** button to add an external app (Rainbow Classroom) to your Canvas courses, as shown below.

Feature Options       External Apps	Settings	Quotas	Notifications	Admins	Announcements	Reports	Apps	
External Apps + App	Feature Opt	tions						
	Externa	l Apps					_	+ Арр

Screenshot- Add External App

3. You will be presented with a popup window.

		/
Configuration Type		
Manual Entry		~
Name		
Name		
Consumer Key	Shared Secret	
Consumer Key	Shared Secret	
Launch URL		
Launch URL		
Domain	Privacy	
Domain	Anonymous	~
Custom Fields		
Custom Fields		
One per line. Format: name=value		
Description		
Description		

Screenshot- Add External App

Here, provide the following details:

**Configuration Type:** Select **Manual Entry** from the dropdown menu of the respective field.

Name: Enter 'Setup Classroom in advance' in the respective field.

**Consumer Key:** Enter the consumer key provided by Rainbow Classroom team.



Shared Secret: Enter the shared secret provided by Rainbow Classroom team.

Launch URL: Enter the following URL of Rainbow Classroom setup in the respective field. (<u>https://classroom.openrainbow.io/lti/launch\_lti</u>)

**Domain:** Enter the domain in the respective field.

Privacy: Select Public from the dropdown menu of the respective field.

**Note:** Privacy should be Public so that the external app (Rainbow Classroom) can read the initiator information.

Custom Fields: Enter the authentication token provided by Rainbow Classroom team.

Note: Please make sure to place 'token=' before entering the authentication token, as shown below.

Custom Fields token=eyJhbGciOiJIUzl1NilsInR5cCl6lkpXVCJ9.eyJpc3MiOiJBbWlnb1NvZnR3YXJlliwic3ViljoiT1B DWFJBUEkiLCJlbWFpbCl6lmFzc2lzdGFuY2VAYW1pZ28tc29mdHdhcmUuY29tliwicm9sZSl6lk1hb nVmYWN0dXJlcilsIk1QVCl6lkZhbHNlliwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8 yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9pc3BlcnNpc3RlbnQiOiJUcnVlliwiaWF0ljoxNjlwODU3M Tg3LCJodHRwOi8vc2NoZW1hcy5taWNyb3NvZnQuY29tL3dzLzlwMDgvMDYvaWRlbnRpdHkvY2 xhaW1zL3ZlcnNpb24iOiJQcm9kdWN0aW9uliwiZXhwljoxOTY2NDU3MTg3LCJhdWQiOiJPUENY

One per line. Format: name=value

**Description:** Enter the description in the respective field.

**IMPORTANT!!** It is important to note that you will receive **consumer key**, **shared secret** and **authentication token** via email only after the integration configuration of your organisation admin account for the Rainbow Classroom Administration. For more details, please refer to **"Rainbow Classroom – Administration Guide for Organisation Admin (Canvas)"** documentation.

4. Click **Submit** button and a newly created app (Setup Classroom in advance) will be displayed in your external apps list, as shown below.



Screenshot- External App



5. Repeat the process of adding an external app as described above. Once you're on the **Add App** screen, enter the following details:

Configuration Type: Select Manual Entry from the dropdown menu of the respective field.

Name: Enter 'Rainbow Classroom' in the respective field.

**Consumer Key:** Enter the consumer key provided by Rainbow Classroom team.

Shared Secret: Enter the shared secret provided by Rainbow Classroom team.

**Note:** Please make sure to place 'token=' before entering the authentication token, as shown below.

#### Custom Fields



token=eyJhbGciOiJIUzl1NilsInR5cCl6lkpXVCJ9.eyJpc3MiOiJBbWInb1NvZnR3YXJIliwic3ViljoiT1B DWFJBUEkiLCJlbWFpbCl6lmFzc2lzdGFuY2VAYW1pZ28tc29mdHdhcmUuY29tliwicm9sZSl6lk1hb nVmYWN0dXJlcilsIk1QVCl6lkZhbHNIliwiaHR0cDovL3NjaGVtYXMubWljcm9zb2Z0LmNvbS93cy8 yMDA4LzA2L2lkZW50aXR5L2NsYWltcy9pc3BlcnNpc3RlbnQiOiJUcnVlliwiaWF0ljoxNjIwODU3M Tg3LCJodHRwOi8vc2NoZW1hcy5taWNyb3NvZnQuY29tL3dzLzlwMDgvMDYvaWRlbnRpdHkvY2 xhaW1zL3ZlcnNpb24iOiJQcm9kdWN0aW9uliwiZXhwljoxOTY2NDU3MTg3LCJhdWQiOiJPUENY

One per line. Format: name=value

**Launch URL:** Enter the following URL of Rainbow Classroom in the respective field that will allow users to redirect to Rainbow Classroom with a single click.

(https://classroom.openrainbow.io/lti/classroom)

**Domain:** Enter the domain in the respective field.

Privacy: Select Public from the dropdown menu of the respective field.

**Note:** Privacy should be **Public** so that the external app (Rainbow Classroom) can read the initiator information.

Custom Fields: Enter the authentication token provided by Rainbow Classroom team.

**Description:** Enter the description in the respective field.

Click **Submit** button and the secondly created app (Rainbow Classroom) will be displayed in your external apps list, as shown below.

External Apps	+ Арр
Apps are an easy way to add new features to C Once configured, you can link to them through	anvas. They can be added to individual courses, or to all courses in an account. course modules and create assignments for assessment tools.
See some LTI tools ♂ that work great with Can	vas.
Name	
Setup Classroom in advance	ফ্রি 🕶
Rainbow Classroom	छि •

#### Screenshot- External App



**IMPORTANT!!** If you're creating the external apps for the particular course then all you have to do is create apps for each course using the same setup details that were sent to you by Rainbow Classroom team. There's no need to generate an access token each time when creating external apps inside a course.



## 5 Add Rainbow Classroom App in Canvas Courses

The steps for setting up a classroom for your Canvas course are below:

### 5.1 Create a new Classroom Module for Teachers, Students and Guests

1. Go to your specified course by clicking on the **Admin** tab from the left menu > Click particular admin account > Click on the course, as shown below.



Screenshot- Canvas Courses

2. You will be presented with the following screen. Click on **+Module** button, as shown below.



2.7.N 1	AC001 > Module	25	
Account	Home	View progress	+ Module
(S) Admin	Assignments		1
	Grades		
Courses	People Pages		
Calendar	Files Syllabus		
員 Inbox	Outcomes Quizzes		
	Modules Settings		

Screenshot- Add Module to a Course

3. A popup window will be displayed, as shown below.

Add Module		×
+ Add prerequisite		
	Cancel	Add Module

Screenshot- Add Module to a Course

Module Name: Enter the module name in the respective field.

Lock until: Check this box if you want to lock this module.

If you check this box then another field will appear so that you can specify date and time interval in which the module should be unlocked.



Module Name		
🗹 Lock until		
Unlock At		

Screenshot- Add Module to a Course

Click on fine icon to set the date and time interval, as shown below.

Feb	10, 20	021			-		
◀		Feb	ruary 2	021		►	
Su	Mo	Tu	We	Th	Fr	Sa	1
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	ŀ
21	22	23	24	25	26	27	
28							

Screenshot- Add Module to a Course

Once done, click on Add Module button and a module will be added to your Canvas course, as shown below.

	View Progress	+ Module
Rainbow Classroom	$\circ$	+ 🕸 •

Screenshot- Add Module to a Course

### 5.2 Create a New Classroom Module for Teachers only

With Rainbow Classroom, teachers can setup Classrooms and provision new students and guests directly from Canvas.

1. Go the module and click on the plus icon on the right side of the screen, as shown below.

	View Progress	+ Module
<ul> <li>Rainbow Classroom</li> </ul>	$\otimes$	+ @•

Screenshot- Add External Tool

2. You will be presented with a popup window of **Add Item to Module**. Choose **External tool** from the dropdown menu of the respective field, as shown below.

Add	d Item to Rainbow Classroo	m	×
Add	Assignment Assignment Quiz File Content Page Discussion Text Header External URL External Tool	to Rainbow Classroom th this module, or add an assignment by selecting "New Assignment".	k F
muer		Cancel Add It	em

Screenshot- Add External Tool

3. Click on **Setup Classroom in advance** link from the list and then click on **Add Item** button, as shown below.

**Note:** Once you click on the external tool link, the URL of the respective external tool and its page name will be automatically displayed in the **URL** and **Page Name** fields.

Add Item	n to Rainbow Classroom	×
Add Extern Select a too module. Setup C Rainbor	rnal Tool v to Rainbow Classroom of 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 Classroom in advance w Classroom	
URL:	https://classroom.openrainbow.ic	
Page Name:	Setup Classroom in	
Load in a	new tab	
Indentation:	Don't Indent	
	1	
	Cancel Add Ite	em

Screenshot- Add External Tool



4. Repeat the process of adding a classroom module as described above. This time select the Rainbow Classroom option from the external tools list and click on the Load in a new tab option that will launch Rainbow Classroom in a separate window. Once done, click on the Add Item button, as shown below.

**Note:** Once you click on the external tool link, the URL of the respective external tool and its page name will be automatically displayed in the **URL** and **Page Name** fields.

Add	Item	to Rainbow Classroor	n	×
Add	Extern ect a tool	ial Tool 🗸	to Rainbow Classroom for an external tool you already know is configured with Basic LTI to add a link to it to this	
S	etup C	lassroom in advance		
R	lainbov	v Classroom	<b>—</b>	
URL:	[	https://classroom.openrain	bow.ic	
Page N	Name:	Rainbow Classroom		
🗹 Loa	id in a r	new tab		
Indent	ation:	Don't Indent	*	
			Cancel Add Ite	m

Screenshot- Add External Tool

One instance of an external tool will help to setup Rainbow Classroom session while the other will allow teacher, student and guests to redirect to Rainbow Classroom in order to start / join the respective classroom session.

	<ul> <li>♦     </li> <li>+     </li> <li>♦     </li> </ul>
Setup Classroom in advance	◇ 尊•
🗄 🔗 Rainbow Classroom	🥏 🏟 🗸

Screenshot- External Tools



**Note:** Both instances of external apps are unpublished by default so it will not be available to students and guests. The Canvas administrator needs to publish only the **Rainbow Classroom** link so that students and guests can access it from their Canvas account and can join classroom session whenever they want. In order

to perform this task, click on <sup>O</sup> icon in front of Rainbow Classroom link and it will be published and available for the students and guests.

**IMPORTANT!!** Only a teacher should access 'Setup a Rainbow Classroom in advance' so this option should not be published in order to hide it from students and guests.



## 6 Running Rainbow Classroom directly from Canvas

The steps for setting up a classroom for your Canvas course are below:

#### 6.1 Setup Classroom in Advance

Canvas administrators or teachers can configure classrooms via a single link (**Setup Classroom in advance**) in Canvas. This link opens a new window of Rainbow Classroom setup that works as an integrated app inside Canvas. The setup allows administrator and teacher to select/unselect sections against a particular course, add/remove participants from the classroom(s) and set classroom or individual student rules for the respective classroom sections.

Note: Teacher can setup the classroom each time before starting a new classroom session.

Following are the steps to setup Rainbow Classroom for your Canvas course:

1. Click on the **Setup Classroom in advance** link added to your course module, as shown below.

		View Progress	+ Module
• Rainbow Classroom		•	+ 🕸 •
🗄 🔗 Setup Classroom in advance	←		⊘ ‡.•
🗄 🔗 Rainbow Classroom			• 谅 •

Screenshot- Setup Classroom

**IMPORTANT!!** Please allow cookies on your browser in order to start the setup of the respective classroom.

2. Following screen will be displayed:



Rainbow	Rainbow Classroom Setup   Course: Linear Equations     Step: 1/2	5
Course detail		
Sections		
Select participants		
Classroom rules		
Processing		
All set		
	Retrieving course details: Linear Equations	J

Screenshot- Setup Classroom

After retrieving the course details, all the available sections are displayed in the box on the left. You can move the sections associated with the course to the box on the right by first selecting the section and then using the arrow buttons, as shown below.

R	Rainbow Classroom Setup   Course: Linear Equations	Step: 2/6
Rainbow"	Select sections to create in Rainbow Classroom	Next
Course detail	Following are the section(s) found under the course   Course: Linear Equations	
Sections		
Select participants	Available section (0)     A-Z     Selected sections (1)     A-Z       Type here to search section(s)     Type here to search section(s)     Linear Equations	
Classroom rules		
Processing	< «<	
All set		
		Next

Screenshot- Select Sections

#### Once done, click Next.

Note: For each section, a separate Rainbow Classroom will be automatically created within the course.



3. On the **Select participants** screen, select the subscription plan of teachers, students and guests from their respective dropdowns, as shown below.

Rainbow <sup>¬</sup>	Rainbow Classroom Setup   Course: Linear Algebra Step: 3/6
Course detail	Select participants
Sections	Classroom Teacher 1-Year p
Select participants	Available participants (8) A-Z Type here to search paticipant Type here to search paticipant Type here to search paticipant Type here to search paticipant
Classroom rules	moodle_5_1 (Linear Algebra) moodle_5_2 (Linear Algebra) moodle_5_3 (Linear Algebra) moodle_5_4 (Linear Algebra) >>>
Processing	moodle_t_5 (Linear Algebra) > moodle_t_1 (Linear Algebra) < moodle_t_1 2 (Linear Algebra) < moodle_t_2 2 (Linear Algebra)
All set	moodle_t_ 3 (Linear Algebra)
	Previous Next

Screenshot- Select Participants

**Note:** You can filter the results of the participants for a specific section. The filter dropdown is available for the 'Available Participants' and 'Selected Participants' boxes. Select a section from the filter dropdown and its results will be displayed in their respective box. An example is displayed below.

R	Rainbow Classroom Setup   Course: Linear Algel	bra Step: 3/6
Rainbow"	Select participants	Previous Next
Course detail		
Sections	Classroom Teacher 1-Year p v 😵 Available (2 Classroom Student 1-Year p v 😥 Available (5	2) 5)
Select participants	Available participants (8) A-Z Selected p Type here to search paticipant Type here	articipants (0) A-Z to search paticipant
Classroom rules	moodle_s_1 (Linear Algebra) moodle_s_2 (Linear Algebra) moodle_s_3 (Linear Algebra)	
Processing	moodle_5_4 (Linear Algebra) >>> moodle_5_5 (Linear Algebra) >> moodle_t_1 (Linear Algebra) <moodle_t_2 (Linear Algebra)	
All set	moodle_t_ 3 (Linear Algebra)	
		Previous Next

Screenshot- Select Participants



- 4. Next screen will help you set up classroom rules for multiple Rainbow features such as:
  - Chat
  - Audio
  - Video
  - Screen share
  - File Share

R	Rainbov	v Classroo	om Setup	)   Course: L	inear Alg	gebra	Step: 4/6
Rainbow	Classroom ru	ules				Previou	JS Next
Course detail	Features				Chat	Audio	Video
	Permission				Yes 🔵	Yes	Yes
Sections	Student rule	S					
	10 🗸						
Select participants	3					Search	
	Section	✓ First Name	Last Name	C Email	Chat	Audio	≎ Video
Classroom rules	Linear Alge	moodle_s_	2	moodle_s_1	Yes	Yes	Yes
	Linear Alge	moodle_s_	3	moodle_s_3	Yes	Yes	Yes
Processing	Linear Alge	moodle_s_	4	moodle_s_4	Yes	Yes •	Yes
	Linear Alge	moodle_s_	5	moodle_s_5	Yes	Yes 🔵	Yes
All set	Showing 1 to	5 of 5 students				-	< 1 >
						Previor	us Next
							t

Screenshot- Set Classroom Rules

You can choose to disable/enable a feature for the entire virtual classroom (via **Classroom rules** section) or for each particular student (via **Student rules** section). Click **Next** once you are done setting up classroom rules.

**Note:** It is important to note that the permissions of the above-mentioned features will be disabled by default for any guests available in the classroom. However, the host can allow or decline permissions for the guests from Rainbow Classroom. For more details, please see 'Rainbow Classroom – Host Guide' documentation.

5. Your configuration will be processed and the following screen will be displayed with all the status details regarding sections and associated participants of the sections.



Rainoow	Rainbow Classroor	Rainbow Classroom is all setup.						
	Sections	Pending	Inprocess	Completed	Failed			
Course detail	Linear Algebra	0	0	7	0			
	Total	0	0	7	0			
Sections								
	10 🗸							
elect participants	<b>9</b>				Search			
	Section	✓ First Name	Last Name	Email	Status	<		
Classroom rules	Linear Algebra	moodle_s_	1	moodle_s_1@de	$\oslash$			
	Linear Algebra	moodle_s_	2	moodle_s_2@de	$\oslash$			
	Linear Algebra	moodle_s_	3	moodle_s_3@de	$\oslash$			
Processing	Linear Algebra	moodle_s_	4	moodle_s_4@de	$\oslash$			
	Linear Algebra	moodle_s_	5	moodle_s_5@de	$\oslash$			
All set	Linear Algebra	moodle_t_	2	moodle_t_2@de	$\oslash$			
	Linear Algebra	moodle_t_	3	moodle_t_3@de	$\oslash$			

Screenshot- Processing Screen

**Note:** You can also export the above status details in an excel file by clicking on the **Export** button displayed at the top-right of the screen.

Kallibow	Rainbow Classroo	m is all setup.			Expo
	Sections	Pending	Inprocess	Completed	Failed
Course detail	Linear Algebra	0	0	7	0
	Total	0	0	7	0
Sections					
	10 🗸				
ect participants	2				Search
	Section	✓ First Name	Last Name	Email	Status
Classroom rules	Linear Algebra	moodle_s_	1	moodle_s_1@de	$\oslash$
	Linear Algebra	moodle_s_	2	moodle_s_2@de	$\oslash$
	Linear Algebra	moodle_s_	3	moodle_s_3@de	$\oslash$
Processing	Linear Algebra	moodle_s_	4	moodle_s_4@de	$\oslash$
	Linear Algebra	moodle_s_	5	moodle_s_5@de	$\oslash$
All set	Linear Algebra	moodle_t_	2	moodle_t_2@de	$\oslash$
	Linear Algebra	moodle_t_	3	moodle_t_3@de	$\oslash$
	Showing 1 to 7 of 7	aticipante			

Screenshot- Processing Screen



Once the configuration is successfully implemented, a classroom is created for teacher and students to login to.

### 6.2 Start Rainbow Classroom from Canvas (As a Teacher, Student or Guest)

A teacher, student and guest can start or join a classroom session via a single sign-on link for a Canvas course that allows them to jump directly to Rainbow Classroom. It also enables them to open classroom session within Canvas without having to provide user credentials to Rainbow Classroom separately. Once a teacher / student redirects to Rainbow Classroom, they can start or join an audio/video live classroom session for a course.

The following are the steps to start/join a classroom session for your Canvas course:

1. Login to Canvas account as a teacher, student or guest. Go to any of the courses available in **Dashboard** tab, as shown below.



Screenshot- Dashboard screen of teacher/student account

2. On the next screen, click on the **Rainbow Classroom** link and you will be redirected to Rainbow Classroom.





Following screen of Rainbow Classroom will be displayed.



Screenshot- Home Screen of Rainbow Classroom



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