



Google Classroom
Integration Documentation
Modules 1.1-1.4

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Intro to Money Vehicle Google Classroom & Dependencies

When adding a Google Classroom School customer there are steps that need to be taken in order for the integration to be successful. Money Vehicle is powered by the Kitaboo Publishing System.

Please take note of dependencies before initiating the process.

Dependency on/ Action Steps	Whether it exists	Dependency for
Money Vehicle System	NO	N/A
Partner/Client/School	YES	Need Google Client ID

Before creating a customer with Google classroom settings, you need to ask for a Client ID from your Partner/Client/School Customer.



Module 1.1 Money Vehicle: How to Add a Google Classroom Customer

Login to <https://moneyvehiclestudio.kitaboob.com/>

- 1) Sign in with Admin credentials.
- 2) On the **Customers** tab, click on **+Add Customer**.
- 3) Enter the **Profile**, **Administrator**, and **Address** details of the customer.
- 4) Select **Google Classroom** as the **Onboarding type** from the **SSO Source** dropdown menu. > Select **Google Classroom** as the **Rostering type**.

NOTE: The only Rostering type option available for a google classroom is Google Classroom.

NOTE: The moment you select **Google Classroom** as the **Rostering type**, a new field by the name **Client ID** will appear. You need to generate a Client ID first, then enter the details in the **Client ID** field.

Before the customer can proceed, please make sure the Google Console is turned on.

**If unsure, please: Follows the Google Steps Below
If Completed: (Skip Step)**

The screenshot shows the 'Add Customer' form in the Kitaboob Studio interface. The form is divided into several sections:

- Profile:** Customer Name (Texas Science Academy)
- Administrator:** First Name (Michael), Last Name (Shaw), Email ID (texas.admin@yopmail.com), Contact/Mobile Number (15122705415)
- Address:** Street (2705 Lazy Creek, Austin)
- SSO Source:** Onboarding Type (Google Classroom), Rostering Type (Google Classroom), Client ID (field highlighted in red)

The 'Add' button is visible at the bottom right of the form.



Google Steps: How to Turn Google Platform on/off

[Turn Google Cloud Platform on or off for users](#)

As an administrator, you manage who in your organization can access Google Cloud Platform services. You can turn on the Google Cloud Platform service for everyone in your organization, specific organizational units, or specific groups. Users who have it on can use their account to access Google Cloud projects and services that they have been granted access to, and create [Cloud Billing](#) accounts for projects and services. Users who have the service off are restricted from accessing Google Cloud Platform projects and services using their organization account.

The Google Cloud Platform service only limits access for users within your organization. The service does not restrict access to [service accounts](#), and does not restrict anonymous use of Google Cloud services and resources that are publicly accessible.

You can control:

[Who can create projects](#). By default, project creation is on for users in your organization. When Google Cloud Platform is turned off, users can't create new projects and are restricted from managing project ownership invitations.

[Use of the OS Login API](#). By default, the OS Login API settings are on for your organization. For example, you can prevent users from configuring access to VM instances outside of your organization. When Google Cloud Platform is turned off, users can't access the OS Login API.

[Access to Google Cloud Shell](#). By default, access is on for your organization. When Google Cloud Platform is turned off, users can't access Google Cloud Shell.

Google Steps How To: Control Who Uses Google Cloud Platform

Before you begin: To turn a service on or off for certain users, put their accounts in an [organizational unit](#) (to control access by department) or add them to an [access group](#) (to allow access for users across or within departments).

[Sign in](#) to your [Google Admin console](#).

From the Admin console Home page, go to **Apps** **Additional Google services** **Google Cloud Platform**.

(Optional) To turn a service on or off for an organizational unit:

At the left, select the organizational unit.

To change the Service status, select **On** or **Off**.

Choose one:

If the Service status is set to **Inherited** and you want to keep the updated setting, even if the parent setting changes, click **Override**.

If the Service status is set to **Overridden**, either click **Inherit** to revert to the same setting as its parent, or click **Save** to keep the new setting, even if the parent setting changes.

Note: Learn more about [organizational structure](#).

(Optional) Turn on the service for a group of users.

Use *access groups* to turn on a service for specific users within or across your organizational units. [Learn more](#)

Changes can take up to 24 hours but typically happen more quickly. [Learn more](#)



Google Steps How To: Choose User Settings for Google Cloud

To apply the setting to everyone, leave the top organizational unit selected. Otherwise, select a child [organizational unit](#) or a [configuration group](#).

[Sign in](#) to your [Google Admin console](#).

From the Admin console Home page, go to **Apps** **Additional Google services** **Google Cloud Platform**.

To control access to creating [Google Cloud projects](#), click **Cloud Resource Manager API settings**.

Note: This control restricts project creation, and restricts users from managing project ownership invitations. Learn about [Cloud Resource Manager](#).

Next to **Project Creation Settings**, check or uncheck **Allow users to create projects** click **Save**.

Next to **Cloud Resource Manager API settings**, click the Up arrow .

To control access to the OS Login API, click **OS Login API Settings**.

Note: Learn about [Managing OS Login](#).

Click **POSIX Account Settings** check or uncheck [Generate default POSIX information](#) and **Include the domain suffix in usernames generated by the OS Login**

API click **Save**.

Click **SSH Public Key Settings** check or uncheck [Users can manage their SSH public keys](#) click **Save**.

Click **External User Settings** check or uncheck [Access VM instances outside of your organization](#) click **Save**.

Next to **OS Login API settings**, click the Up arrow .

To control access to [Google Cloud Shell](#), click **Cloud Shell settings**.

Check or uncheck **Allow access to Cloud Shell** click **Save**.

Next to **Cloud Shell settings**, click the Up arrow .

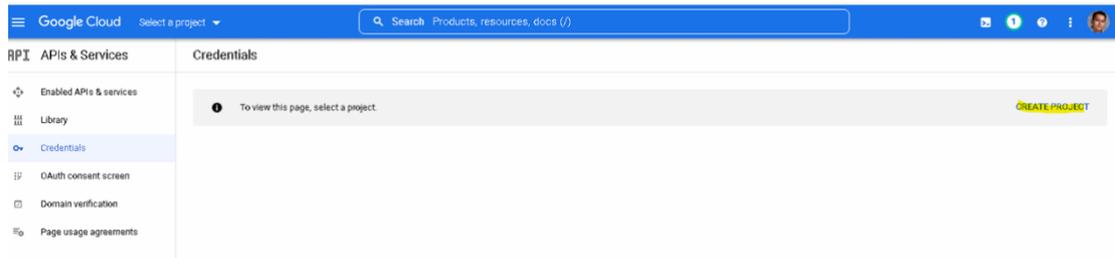
Changes can take up to 24 hours but typically happen more quickly. [Learn more](#)



Module 1.2 Money Vehicle: How to Create a New Project in Google Classroom:

1) Go to URL: console.cloud.google.com

2) Create a new project :



3) Enter the mandatory details and click on create button.

Google Cloud Search Products, resources,

New Project

Warning: You have 12 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)
[MANAGE QUOTAS](#)

Project name *
My Project 80125

Project ID: adept-shade-361115. It cannot be changed later. [EDIT](#)

Organization *
cmlions.org

Select an organization to attach it to a project. This selection can't be changed later.

Location *
[Redacted] [BROWSE](#)

Parent organization or folder

CREATE **CANCEL**



Google Cloud Search Products, resources, docs (/)

New Project

You have 9 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)
[MANAGE QUOTAS](#)

Project name *
My Project 23236

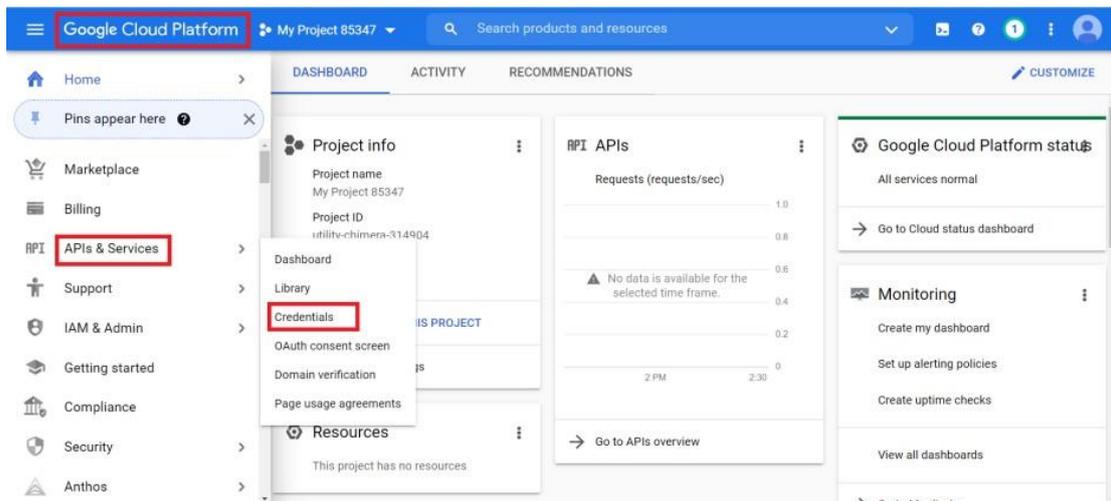
Project ID: linear-passage-357609. It cannot be changed later. [EDIT](#)

Location *
No organization [BROWSE](#)

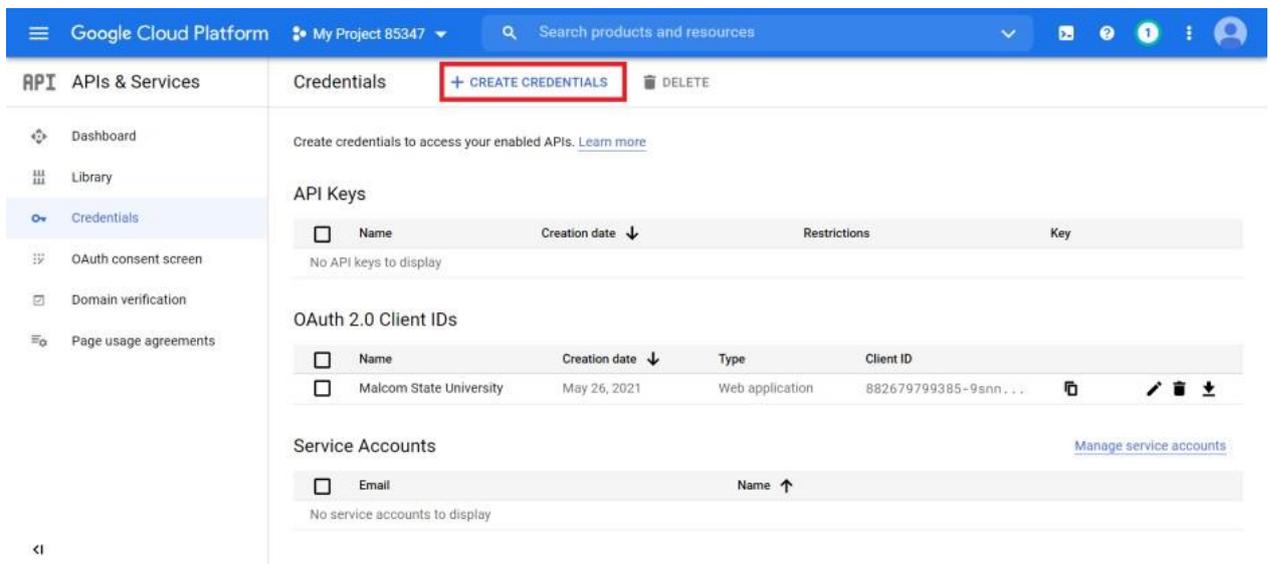
Parent organization or folder

[CREATE](#) [CANCEL](#)

4) Navigate to the Google Cloud Platform. > Go to the API & Services menu. > Click on the Credentials Option

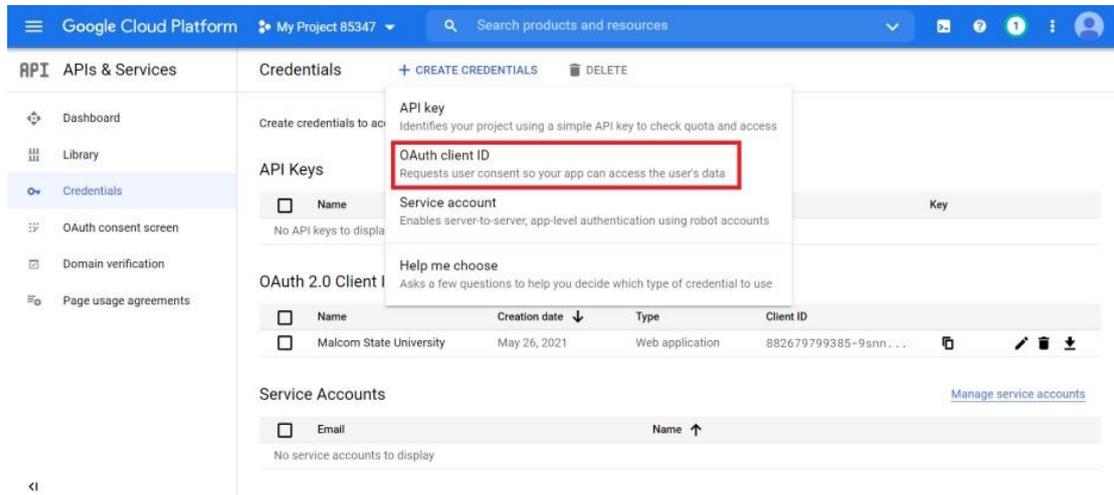


5) Click on + CREATE CREDENTIALS.

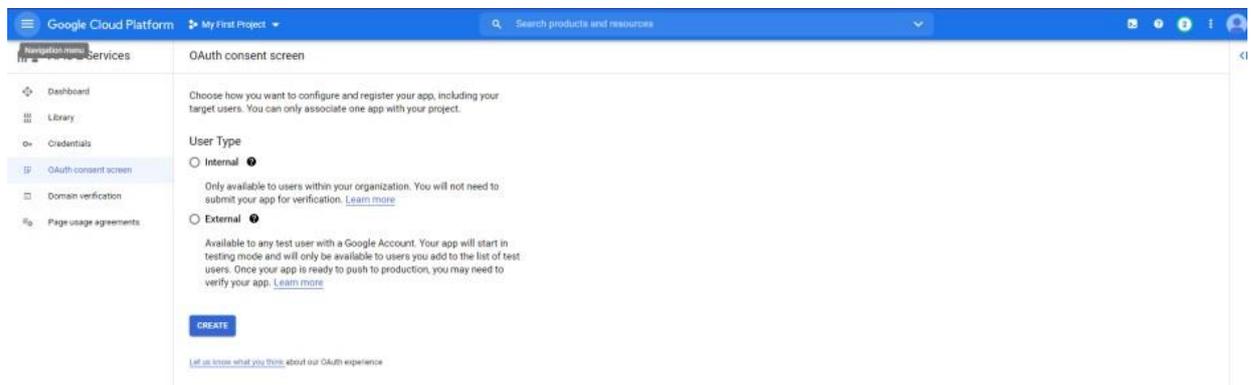




6) Click on the OAuth Client ID option.



7) Select User Type while creating the OAuth consent screen
Internal: will provide access to the classroom only to the users in a particular domain/Organization
External: Will provide access globally to all users having Google accounts



8) Once you click on internal or external fill up the below details -
App name
User support email
Authorized domain
Developer contact information.



9) Add Authorized domain - kitaboo.com - Same as below screenshot.

Authorized domains ?

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorized. [Learn more](#) about the authorized domain limit.

Authorized domain 1 *
kitaboo.com

[+ ADD DOMAIN](#)

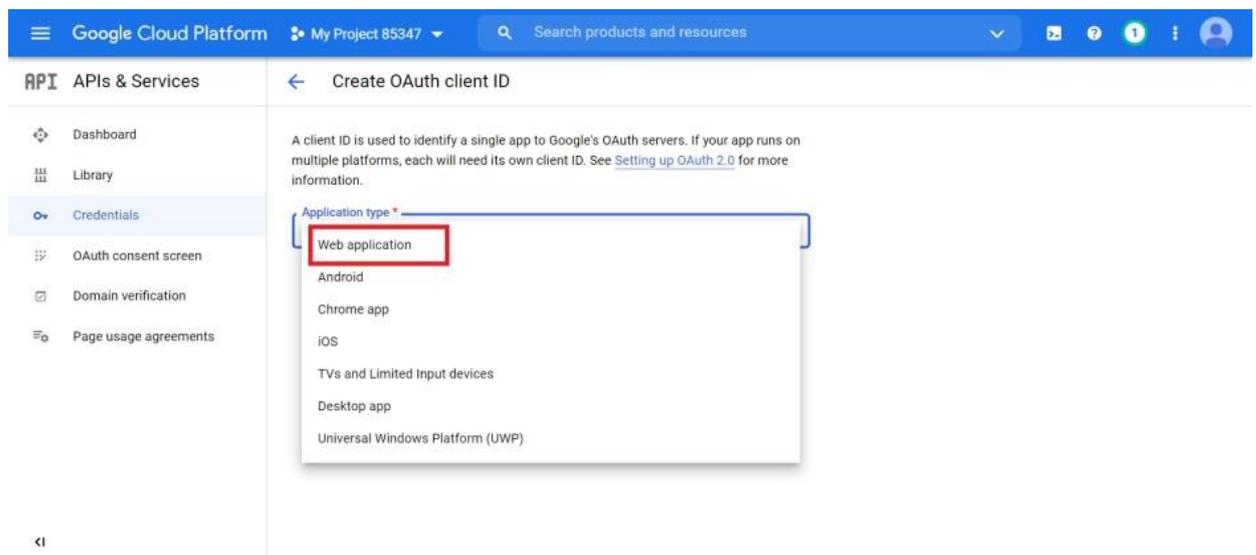
Developer contact information

Email addresses *
tejesh.agedkar@hurix.com ✕

These email addresses are for Google to notify you about any changes to your project.

[SAVE AND CONTINUE](#) [CANCEL](#)

10) Select one of the Application type Options.
NOTE: Select Web Application





- 11) Enter the School/District name in the Name field.
NOTE: Malcom State University is the School/District in this example.

Google Cloud Platform My Project 85347 Search products and resources

APIs & Services

Dashboard
Library
Credentials
OAuth consent screen
Domain verification
Page usage agreements

Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information.

Application type *
Web application

Learn more about OAuth client types

Name *
Texas Science Academy

The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

The domains of the URIs you add below will be automatically added to your OAuth consent screen as authorized domains.

Authorized JavaScript origins ⓘ
For use with requests from a browser

- 12) Add URI in both “Authorized JavaScript Origin” and “Authorized redirect URIs” as per domain & Click on the CREATE/SAVE button Add below 2 URLs for Money Vehicle: (ADD SAME URL TWICE)

PROD: <https://moneyvehiclestudio.kitaboo.com>

Google Cloud Platform My Project 85347 Search products and resources

APIs & Services

Dashboard
Library
Credentials
OAuth consent screen
Domain verification
Page usage agreements

Create OAuth client ID

The domains of the URIs you add below will be automatically added to your OAuth consent screen as authorized domains.

Authorized JavaScript origins ⓘ
For use with requests from a browser

+ ADD URI

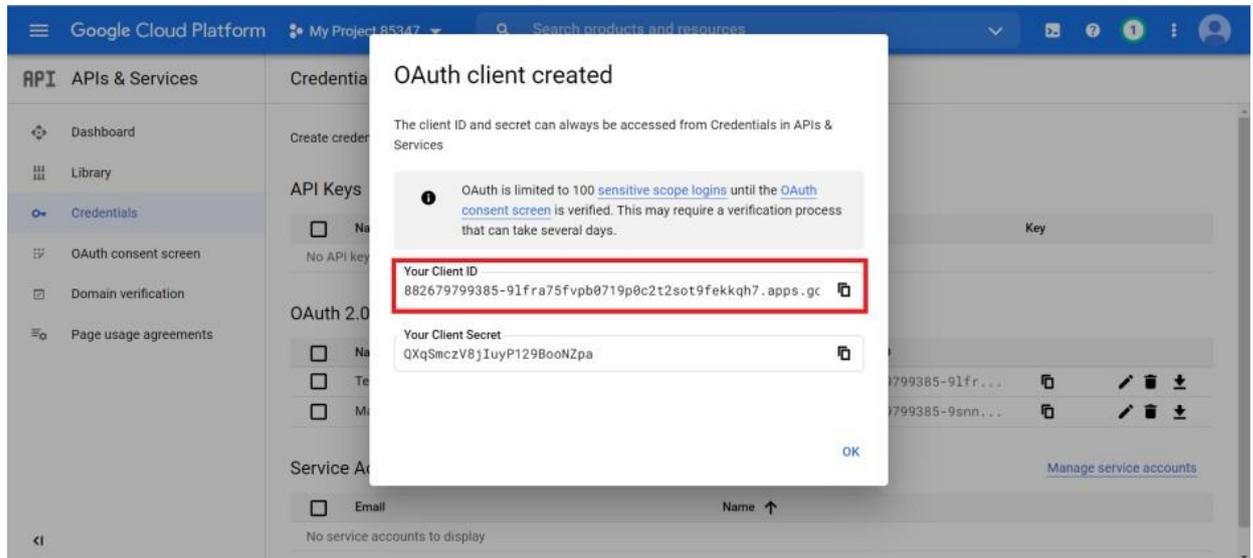
Authorized redirect URIs ⓘ
For use with requests from a web server

+ ADD URI

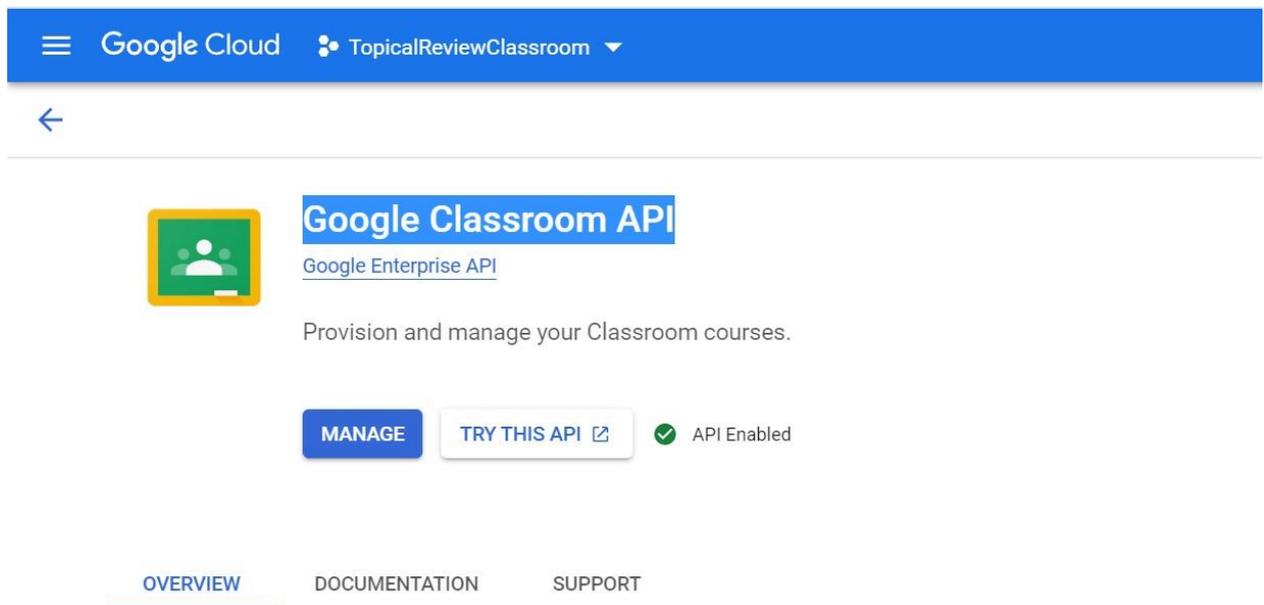
CREATE CANCEL



13) An OAuth client will thus be created. Copy the Client ID from the Your Client ID field.



14) Go to ENABLE APIS AND SERVICES -
Search Google Classroom API -> Click and Enable
-> Once you enable the service you will get the below page.

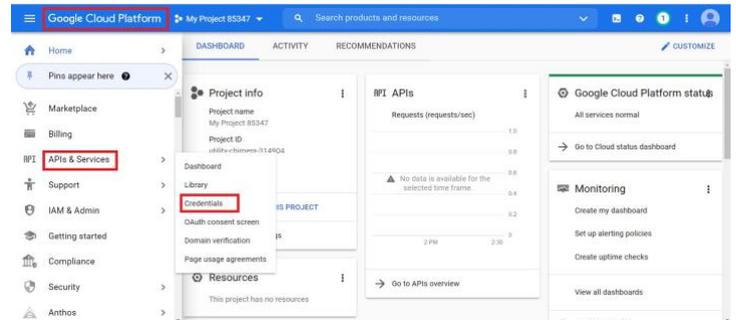




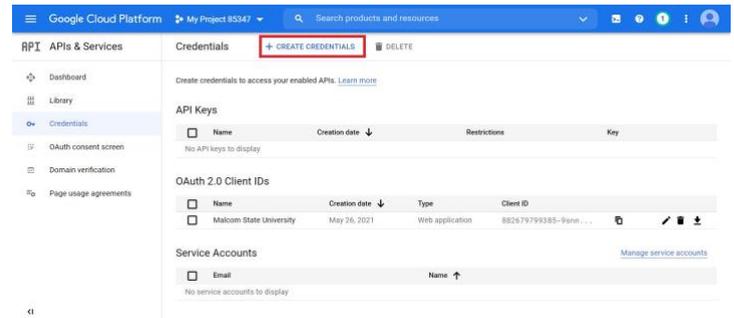
Module 1.3 Money Vehicle: How to Generate a Google Client ID.

- 1) Navigate to the **Google Cloud Platform**. > Go to the **API & Services** menu. > Click on the **Credentials** option.

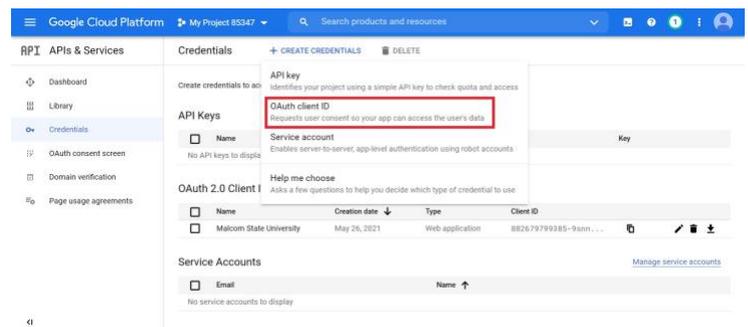
URL: console.cloud.google.com



- 2) Click on **+ CREATE CREDENTIALS**.



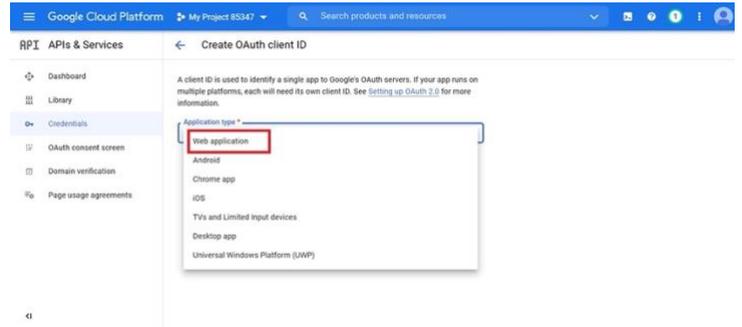
- 3) Click on the **OAuth Client ID** option.





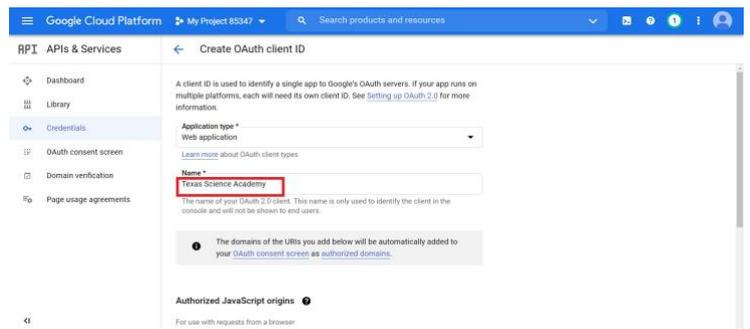
4) Select one of the **Application type** options.

NOTE: Web Application has been selected in this example.

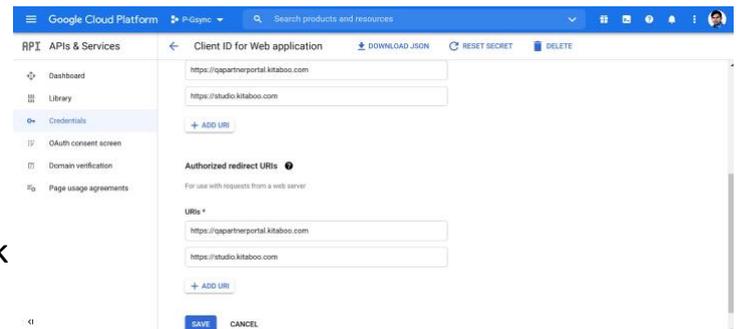


5) Enter the client name in the **Name** field.

NOTE: Malcom State University is the client in this example.

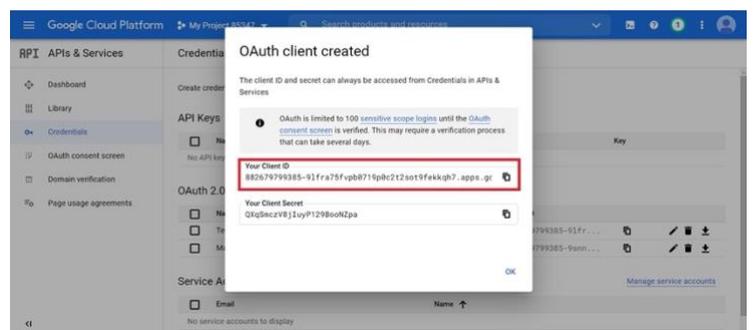


6) Add URI as per domain & Click on **CREATE/SAVE** button.



7) An OAuth client will thus be created. Copy the **Client ID** from the **Your Client ID** field.

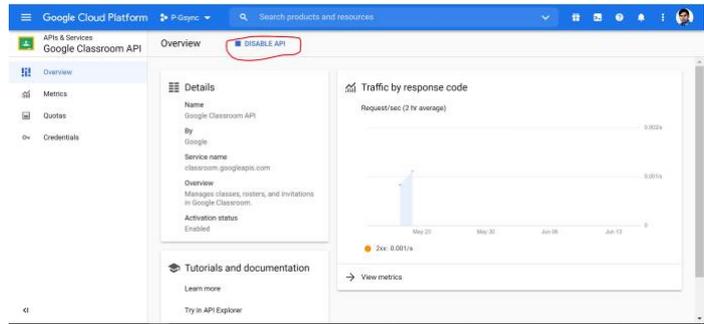
NOTE: Use the same Client ID for adding this customer.





8) You need to **enable the API Sync**

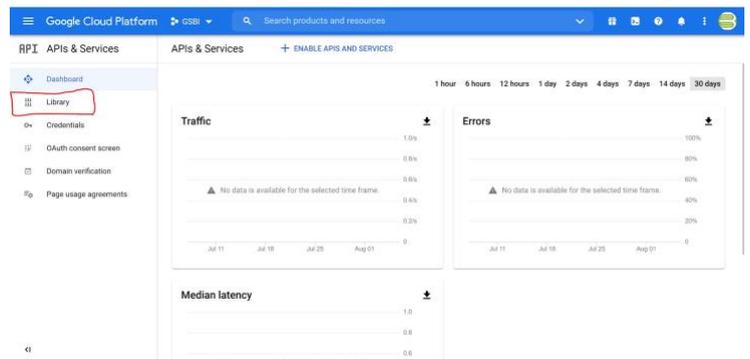
option by using the link below.



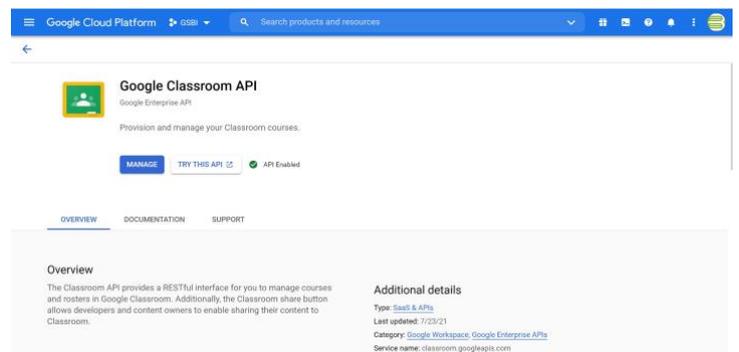
<https://console.developers.google.com>

</apis/api/classroom.googleapis.com/overview>

9) You also need to enable the Google Classroom API option, which is available in the Library Section.



10) Search for **Google Classroom** in the search window and select the searched item to enable the setting.





MONEY VEHICLE

DRIVE TO FINANCIAL FREEDOM

11) Enter the generated ID in the **Client ID** field. > Check the **Privacy Policy** and **Terms of Service** box. > Click on **Add**..

The screenshot shows the 'Add Customer' form with the following details:

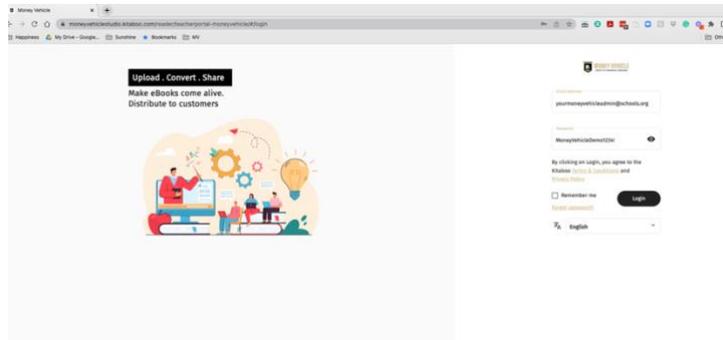
- Phone: 78724
- Country: United States of America
- SSO Source: Google Classroom
- Client ID: 882679799385-6114ho4yp5p11a180c5a44m812aict1.apps.googleusercontent.com
- Checkbox: I have read and accept the Privacy Policy and Terms of Service
- Buttons: Cancel, Add



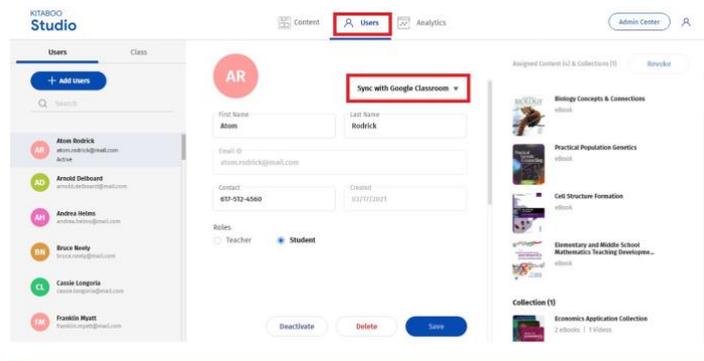
Module 1.4 Money Vehicle: Syncing with Google Classroom

Once a Google Classroom customer is added to the Money Vehicle Kitaboo ecosystem, the customer has access to many of the platform services. One of them is establishing a sync with Google Classroom. The portal empowers the partner administrator to establish a connection with Google Classroom for their domain and configure sync settings with its users. Let's see how to sync your class with Google Classroom.

- 1) Sign in with your Partner Admin credentials.

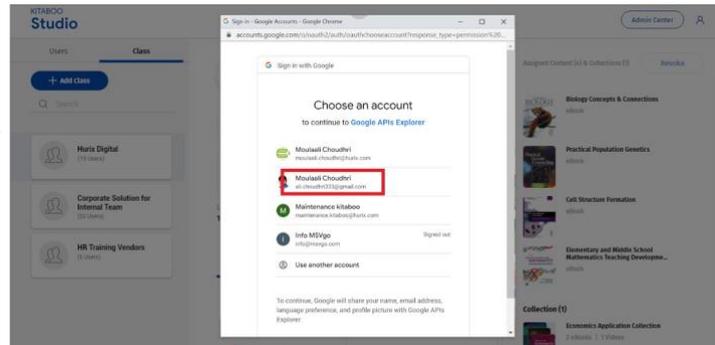


- 2) On the **Users** tab, click on the **Sync with Google Classroom** hyperlink.



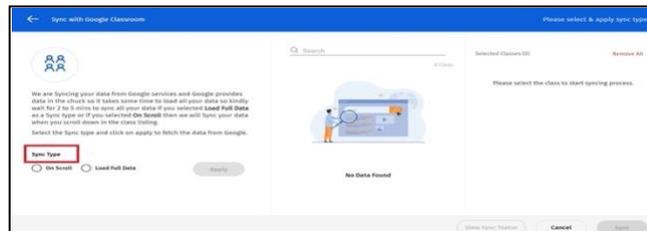


- 3) Next, select the **Gmail Account** that you used to create the **Client ID** during customer setup for authentication.



- 4) Now, select one of the **Sync Type** options - **On Scroll** or **Load Full Data**.

NOTE:

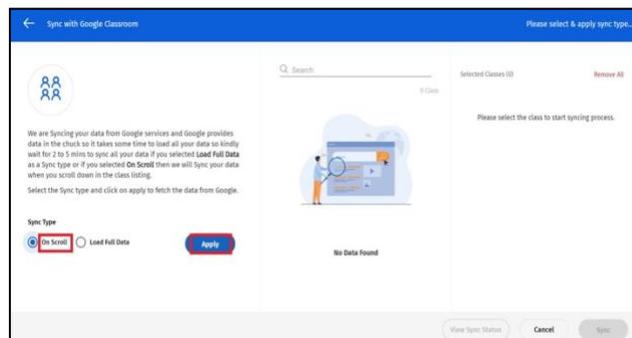


- 5) The **On Scroll** option enables to sync 99 classes' data at the max, even if checked **Select All** box.

For example, if there are one thousand classes of data to be synced, sync is maxed at 99 classes data by using the **On Scroll** option.

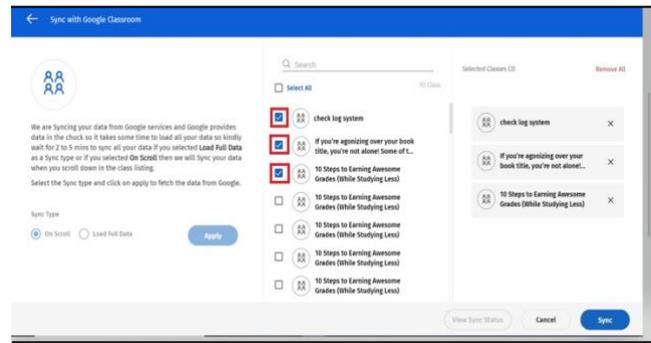
Hence, if you want to sync more than ninety-nine classes' data, you must select the **Load Full Data** option only.

- 6) Let's select the **On Scroll** option first. > Click on **Apply** The **On Scroll** data sync process will begin. Once completed, a message - **On Scroll sync type applied** - will appear on the screen.

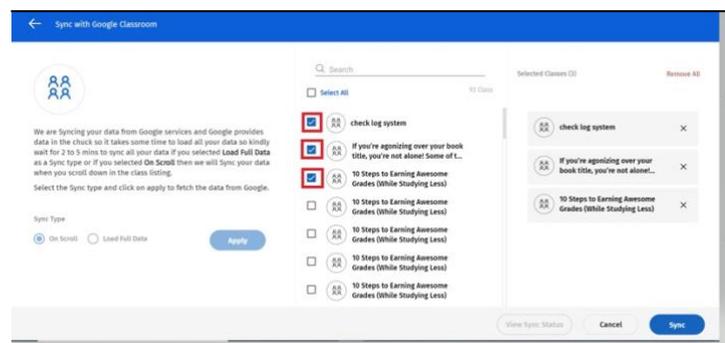




7) All classes will appear listed in the middle of the screen. The data relating to these classes will also get loaded in the backend as you scroll down. When this process is finished, a message - **“Data loading completed. No more data to load.”** - will appear on the screen.

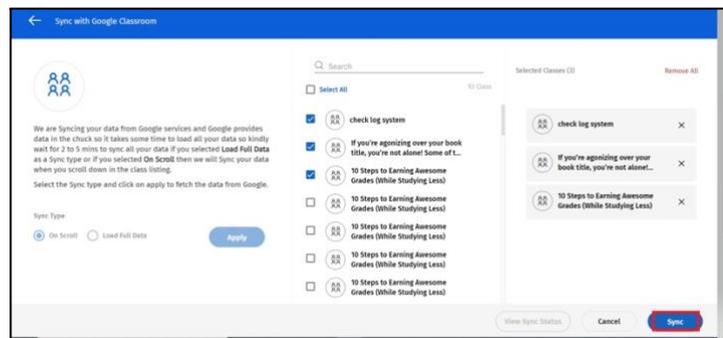


8) Now there are three (3) Sync options:
Sync all the displayed classes (at the max 99 only), check the **Select All** box.



Sync specific classes, select those classes.

Sync a particular class, type class name in the **Search** field and press **Enter**.

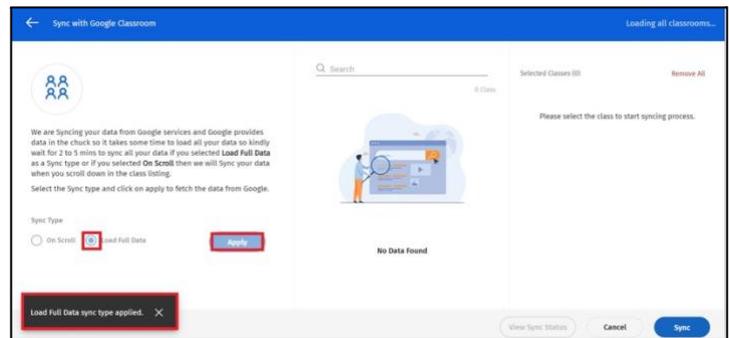


NOTE: We have selected three classes for syncing in this example.



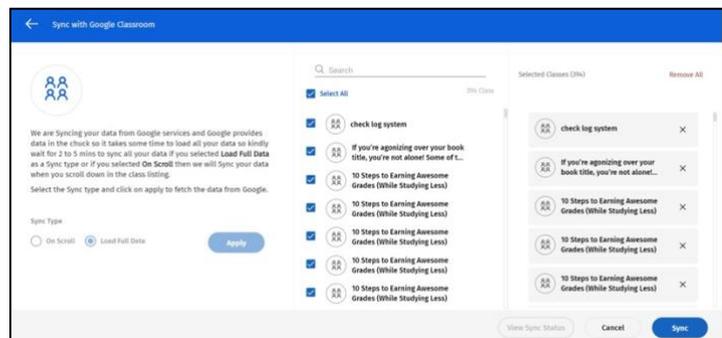
9) Click on the **Sync** button.

If you select the **Load Full Data** option and click the **Apply** button, the system will initiate uploading the entire data, irrespective of the number of classes.



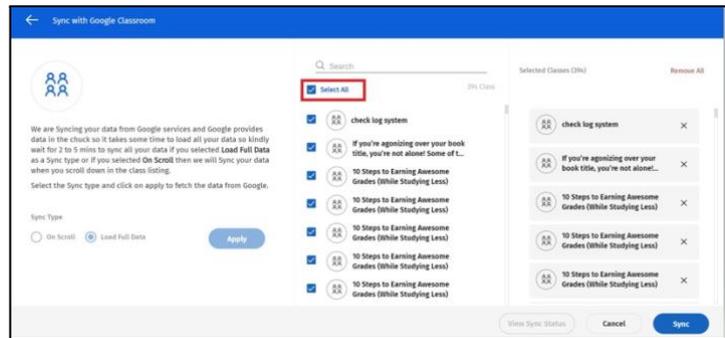
A message - **Load Full Data sync type applied.** - will also appear in the end.

All the classes will appear listed in the middle of the screen. The data relating to these classes will also get loaded in the backend. When this process is finished, a message - **“Data loading completed. No more data to load.”** - will appear on the screen.



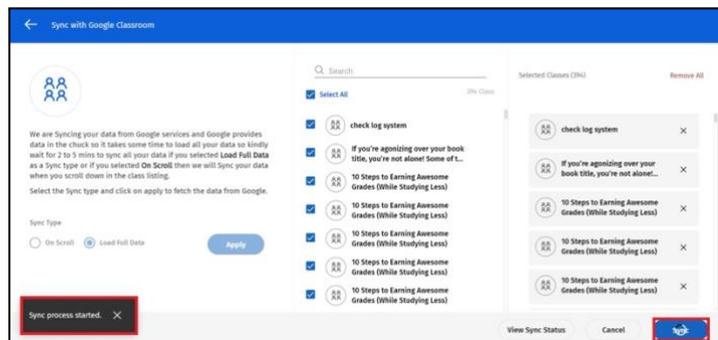


- 10) You can either select all the classes or a few specific classes for syncing. You can also search and select a specific class for syncing by using the **Search** option.

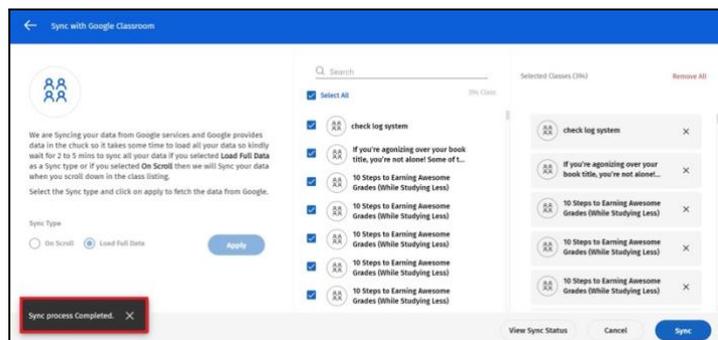


NOTE: We have used the **Select All** option in this example.

- 11) Next, you need to click on the **Sync** button. It will initiate the syncing process. You will also get a confirmation message - **Sync process started.** - on the screen.

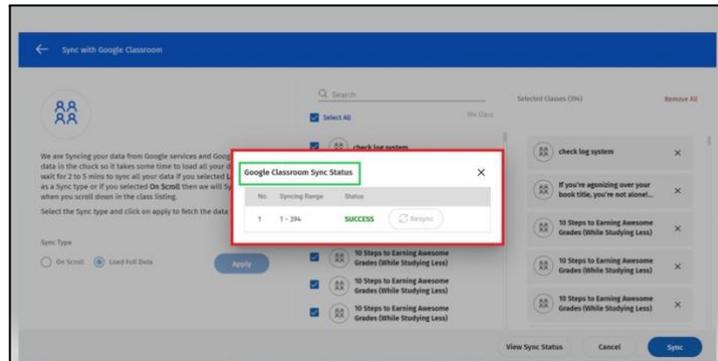


- 12) The syncing process will end with the message - **Syncing process completed.**



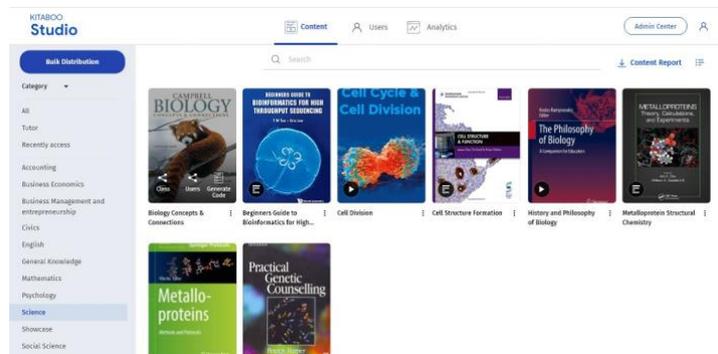


If you want to see the sync status, you need to click on the **View Sync Status** button. The sync status will thus appear on your screen.



- 13) Once the syncing is successfully completed, go to the **Content** tab. > Select the **Category** of content on the left pane. > Select the **Title** you want to assign. > Click on **Class**.

NOTE: The content is being assigned to a class in this example.





- 14) Select the **Class** you want to assign the content from the dropdown list. > Check the **View** option box if you want to restrict view of the content to teachers only. > Select the **Order No.** > Click on **Distribute**.

Biology Concepts & Connections

Author: V. N. Nigam
ISBN: 42343243243243
Format: eBook

Class: **Class 10 - A**

Restricted to Teacher view only

Total Users: **8 Users**

Order no.	Remaining Licenses	Expiry Date
<input type="radio"/> 743345	257	PERPETUAL
<input type="radio"/> 25341	80	PERPETUAL

Jackson Sebastian
 Samuel Matthew
 David Olney
 Mike Lyle
 David Olney

Cancel **Distribute**

- 15) Click on **Users** aligned to the title for assigning content to users.

Kitaboo Studio

Content Users Analytics Admin Center

Bulk Distribution

Category: All, Tutor, Recently access, Accounting, Business Economics, Business Management and entrepreneurship, Civics, English, General Knowledge, Mathematics, Psychology, Science, Showcase, Social Science

Search

Content Report

Biology Concepts & Connections | Beginners Guide to Bioinformatics for High... | Cell Division | Cell Structure Formation | History and Philosophy of Biology | Metalloprotein Structural Chemistry

Metallo-proteins | Practical Genetic Counselling

- 16) Check the **Boxes** against the users you want to assign the content to. > Select the **Order No.** > Click on **Distribute**.

Biology Concepts & Connections

Author: V. N. Nigam
ISBN: 42343243243243
Format: eBook

Order no.	Remaining Licenses	Expiry Date
<input checked="" type="radio"/> 743345	257	PERPETUAL
<input type="radio"/> 25341	80	PERPETUAL

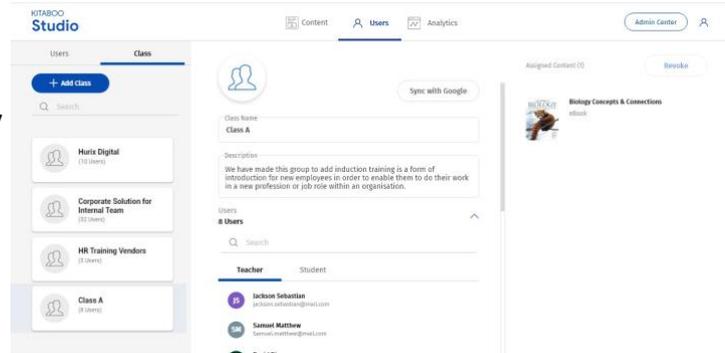
Total Students & Users

Jackson Sebastian
 Samuel Matthew
 David Olney
 Mike Lyle
 David Olney

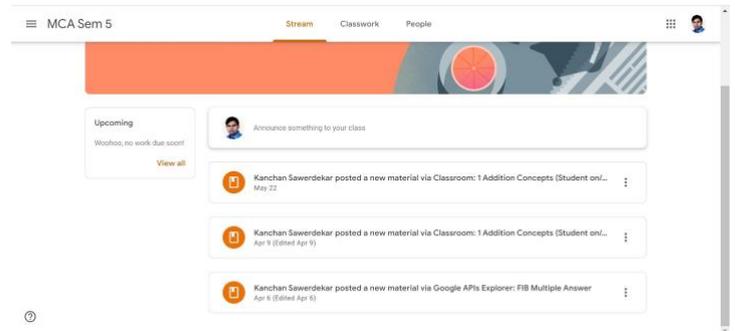
Cancel **Distribute**



- 17) The content has now been successfully assigned to the class as well as the users.



- 18) Go to the **Google Classroom** now. > Click on the **Stream** tab. > Check if anything new has been posted there. > Click on the **More options** icon against the post you want to announce to the users. > Select the **Platform** the new post can be accessed from.



**Google
Classroom
URL:
classroom.google.com**