



Sign in with Google Pre-Requisites

Outstanding education, awesome technology

Sign in with Google Pre-Requisites

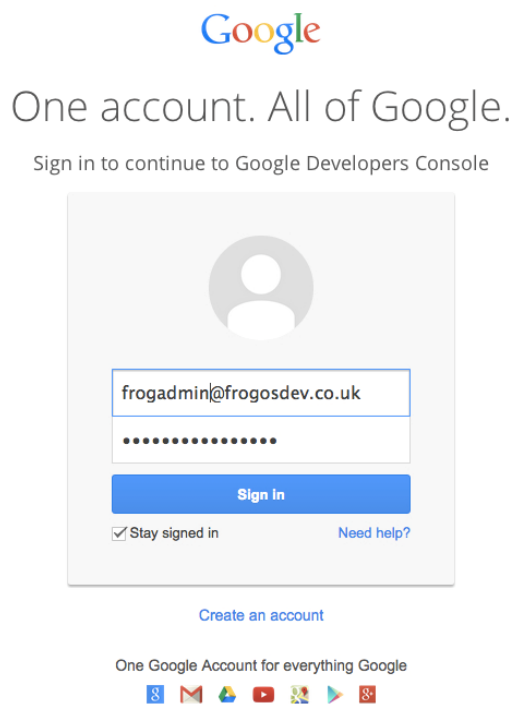
Overview

To enable sign in to FrogLearn with Google credentials some initial configuration is needed within the school's Google tenancy. This will include the generation of a client ID and secret.

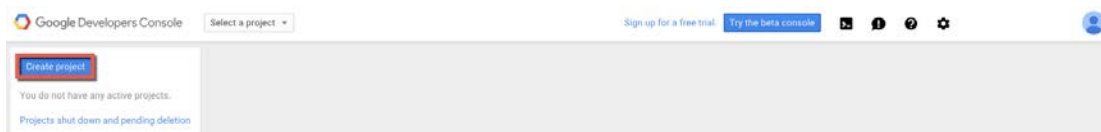
It is important to note that for this integration to work successfully all usernames in FrogLearn must match those in Google. Therefore, username fields in FrogLearn will need to be edited to the users' Google email addresses.

How-to

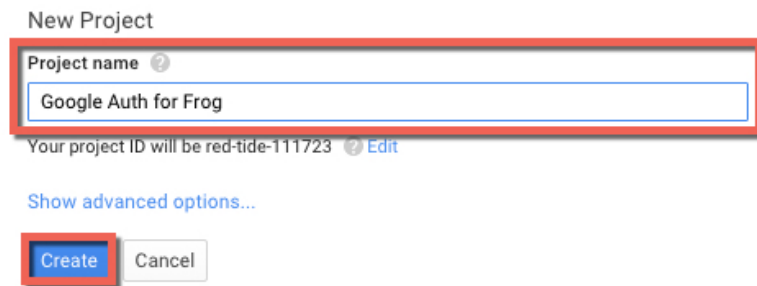
To generate the required API key, navigate to the URL <https://console.developers.google.com>. Log in using your school's administrator account.



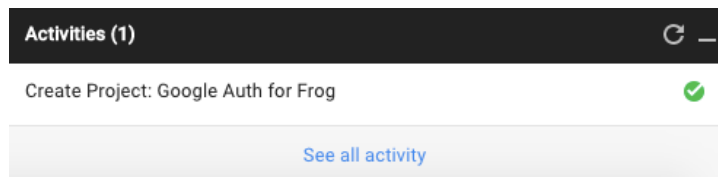
Once logged in to the Google Developers Console select the **Create Project** button.



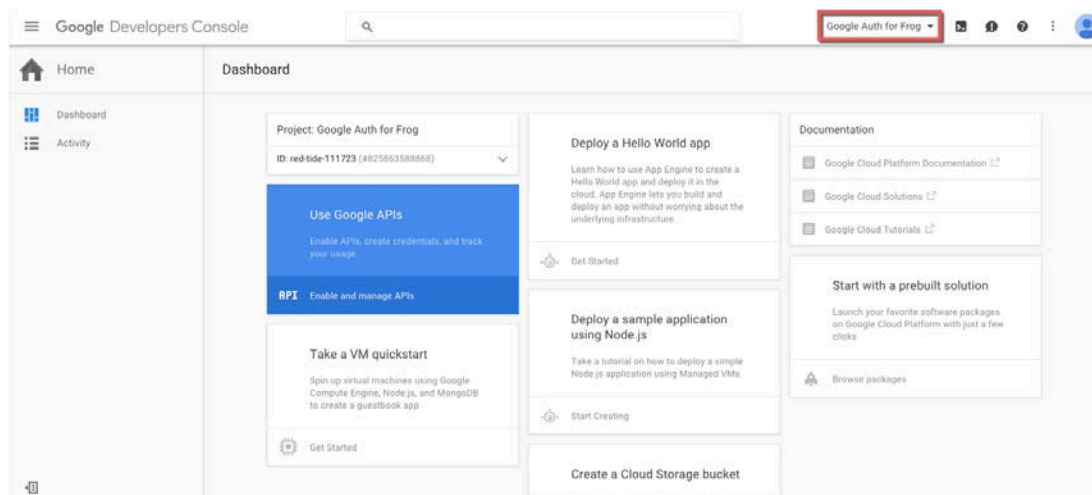
A pop-up window will appear asking you to enter a project name. The project name will only be referenced in the Google Developers Console therefore it is recommended that you choose a name that will have meaning. For example, **Google Auth for Frog**. When happy with the project name click on the **Create** button.



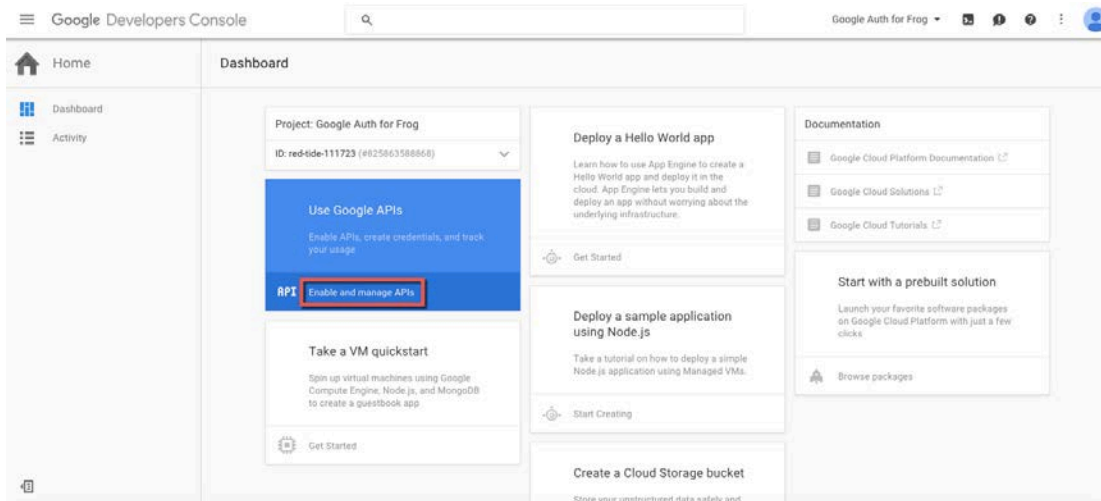
The Activities pop-up window should now display the current status of project creation with a green tick.



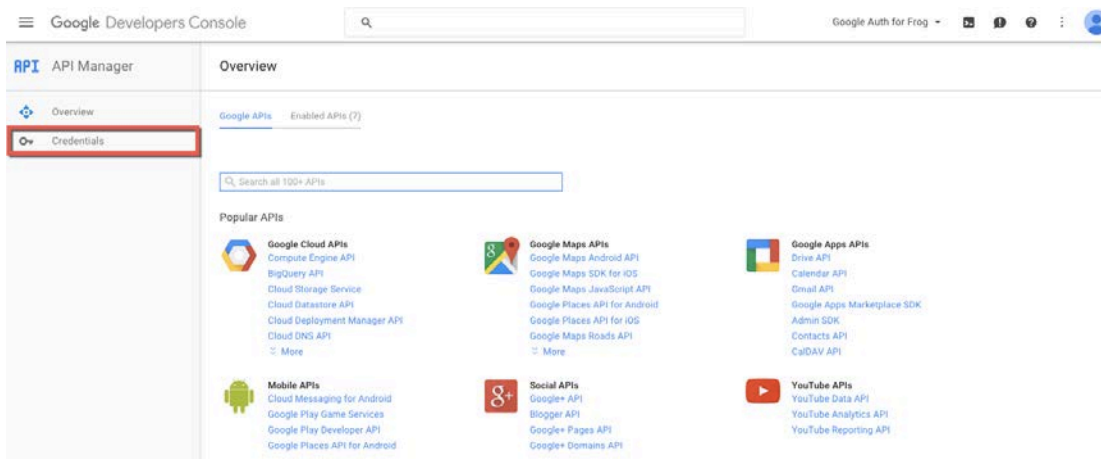
Your project name will now display within the header of the Google Developers Console, and you will see all available options for configuration.



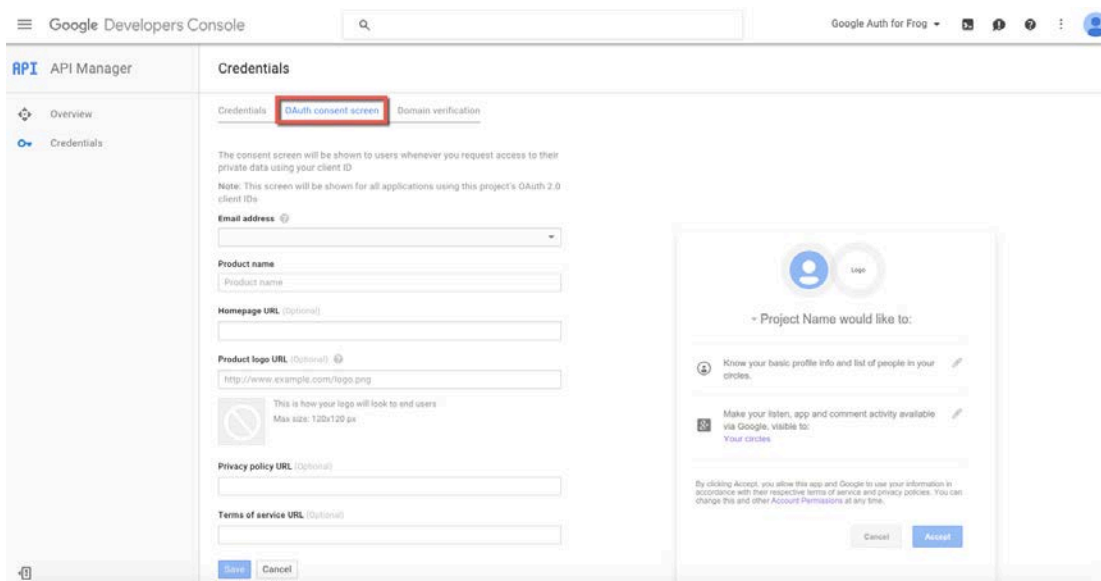
Select the **Enable and manage APIs** link.



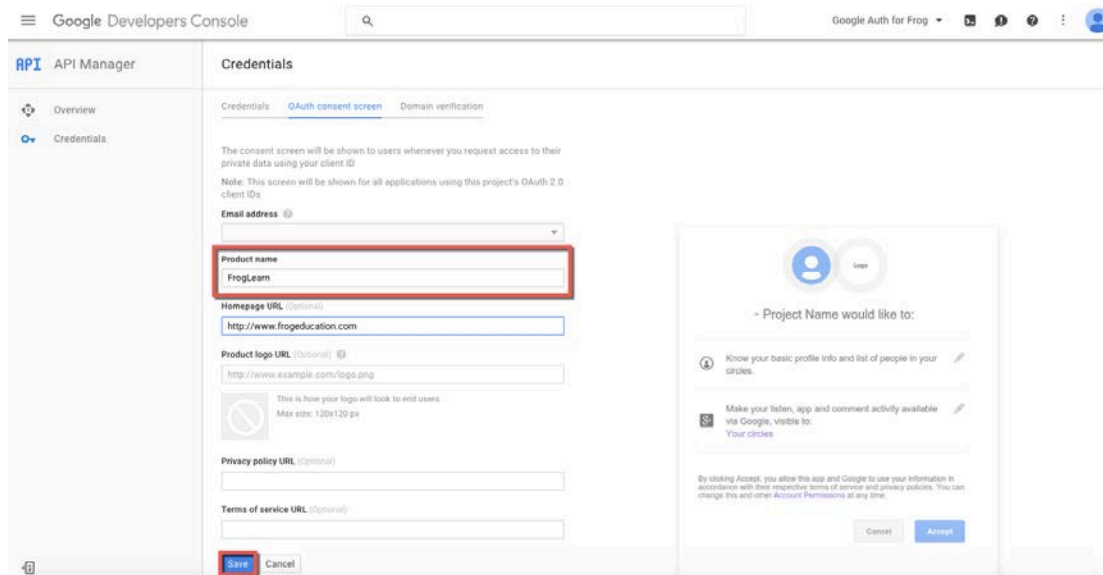
Select **Credentials** from the left-hand side menu.



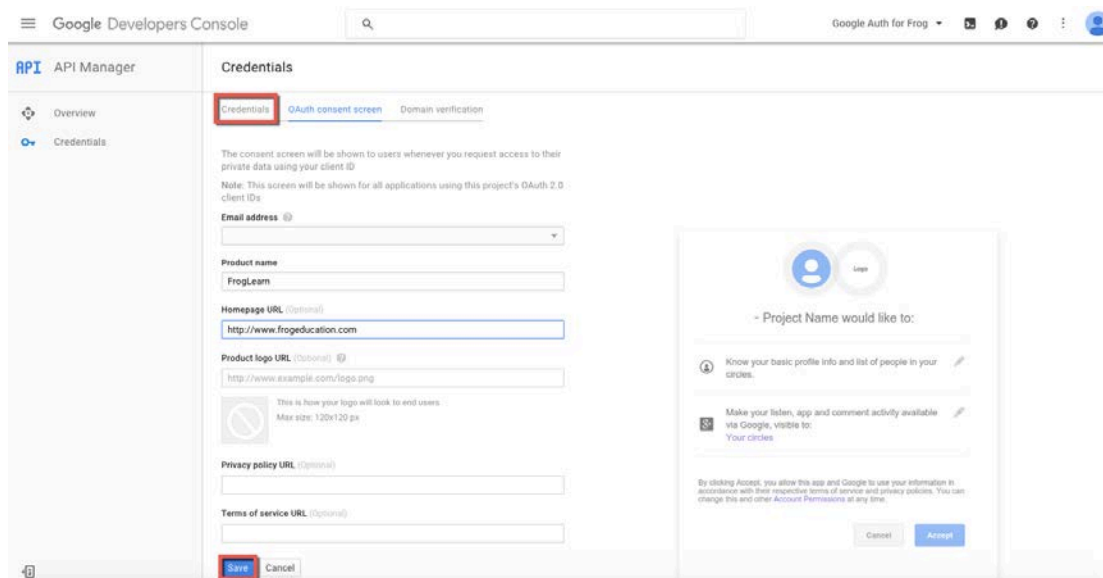
Select the **OAuth consent screen** tab.



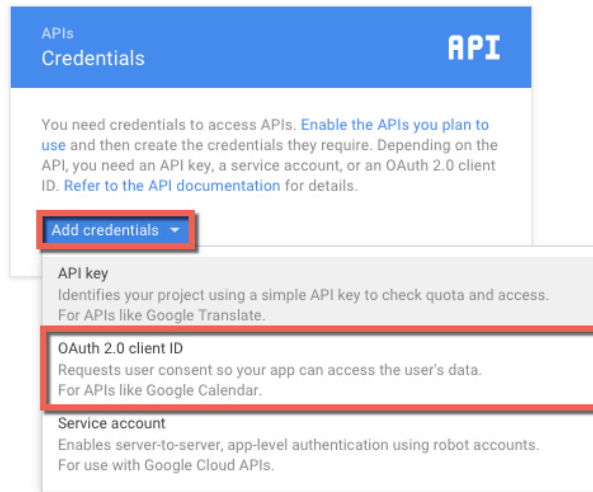
The consent screen information will be displayed to users when they authenticate with Google for the first time via FrogLearn. Therefore, the information you enter here should have meaning to the end user. The only field that is compulsory is the **Product name**, which in this example is **FrogLearn**. You may wish to fill out the other optional items such as a homepage URL, logo etc. but this will be a school choice. Once happy with the information click on the **Save** button.



Next select the **Credentials** tab.



The Credentials page will allow the creation of the client ID and client secret that will be needed to configure the Sign in with Google options within FrogLearn. Click on the **Add credentials** drop-down list and then select **OAuth 2.0 client ID**.



The **Create client id** page is displayed. Complete the following options:

- Application type – Select the radio button next to **Web application**.
- Name – Enter the name for the client ID (e.g. **FrogLearn**).
- Authorized JavaScript origins – Enter the URL of your FrogLearn platform (e.g. <https://secondarytraining-sandbox.frogos.net>).
- Authorized redirect URIs – Enter the FrogLearn URL with the following appended `/saml/module.php/oauth2/consumer.php` (e.g. <https://secondarytraining-sandbox.frogos.net/saml/module.php/oauth2/consumer.php>).

When happy with the information entered click on the **Create** button.



Create client ID

Application type

- Web application
- Android [Learn more](#)
- Chrome App [Learn more](#)
- iOS [Learn more](#)
- PlayStation 4
- Other

Name

Authorized JavaScript origins

Enter JavaScript origins here or redirect URIs below (or both) [?](#)

Cannot contain a wildcard (http://*.example.com) or a path (<http://example.com/subdir>).



Authorized redirect URIs

Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.



Once the new client ID has saved the details will be displayed. Take a copy of the **client ID** and **client secret** information. This information will be required when activating sign in with Google to FrogLearn. When you have copied the information click on the **OK** button.

OAuth client

Here is your client ID

825863588868-kh9d16r83d5uok2tv98pp5k34bukd8s2.apps.googleusercontent.com

Here is your client secret

I2KR1xyZ5rubE9GFafCiARZ2

Next we will need to enable the API access within your Google tenancy. In a browser navigate to the URL https://google.com/a/<Google_domain> and log in as your school's Google administrator (e.g. <https://google.com/a/frogosdev.co.uk>).



One account. All of Google.

Sign in with your Google Account

frogadmin@frogosdev.co.uk

.....

Sign in

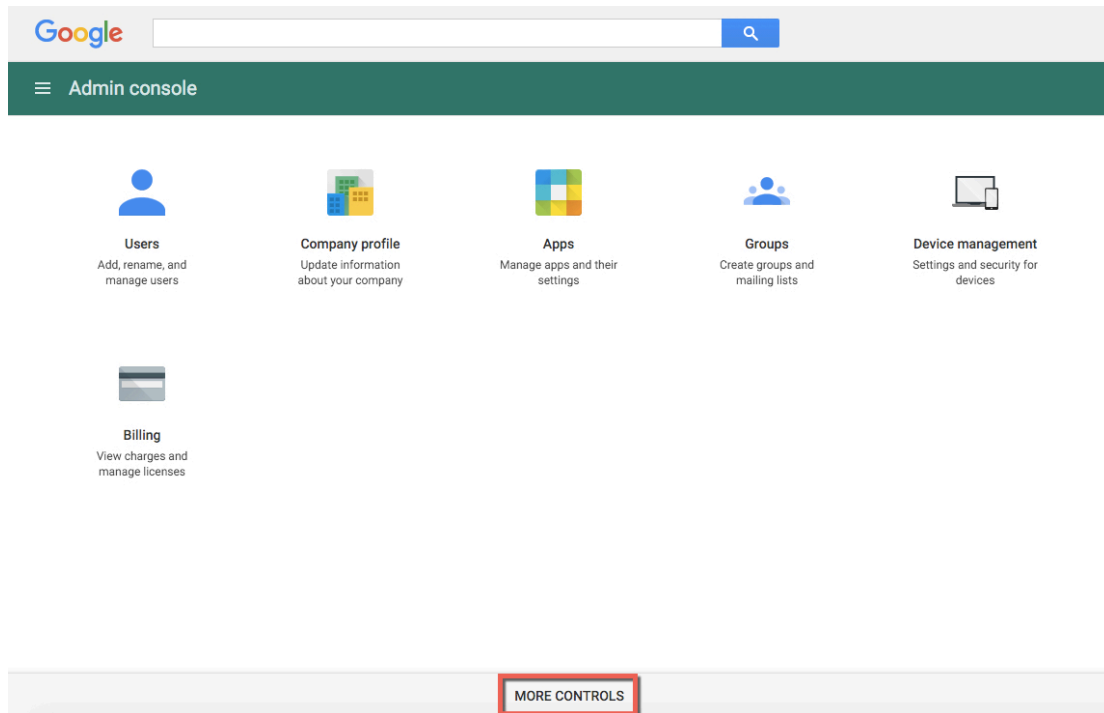
Stay signed in [Need help?](#)

[Create an account](#)

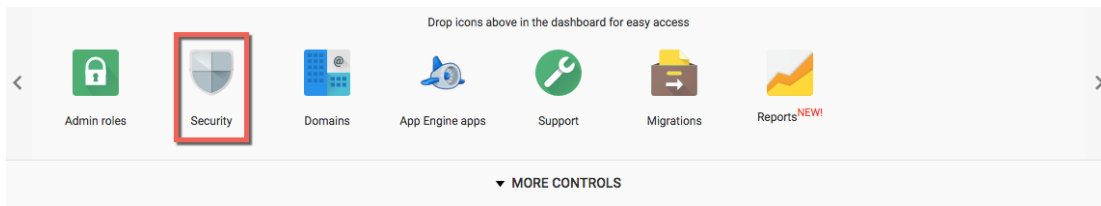
One Google Account for everything Google



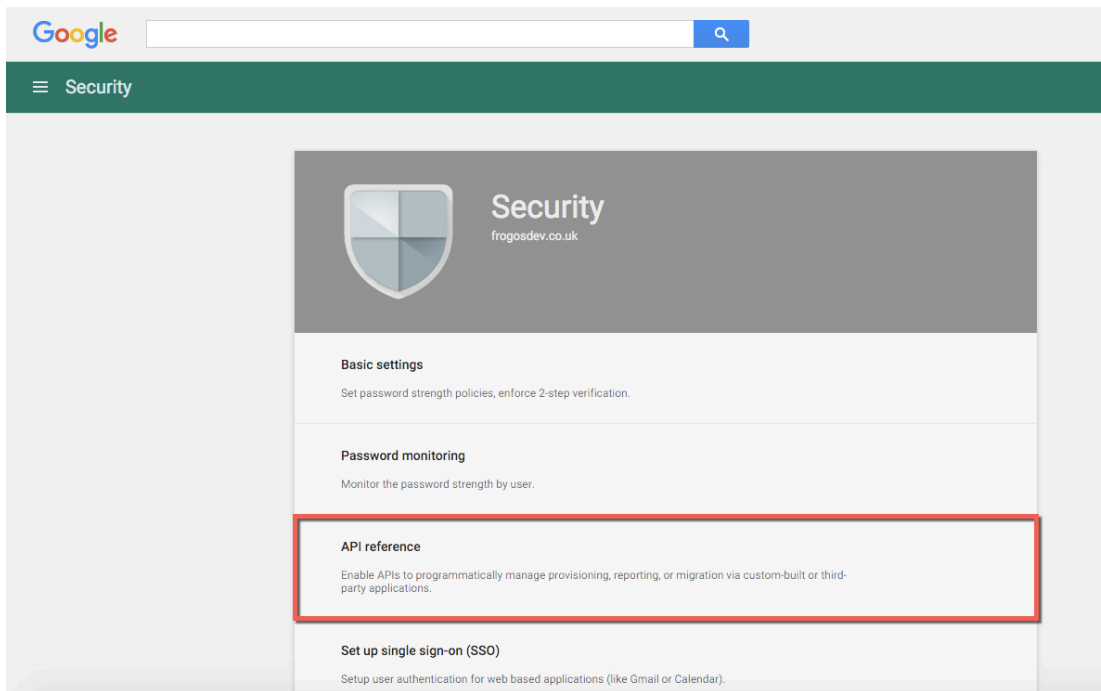
After logging in to the Google admin console click on the **MORE CONTROLS** link at the bottom of the page.



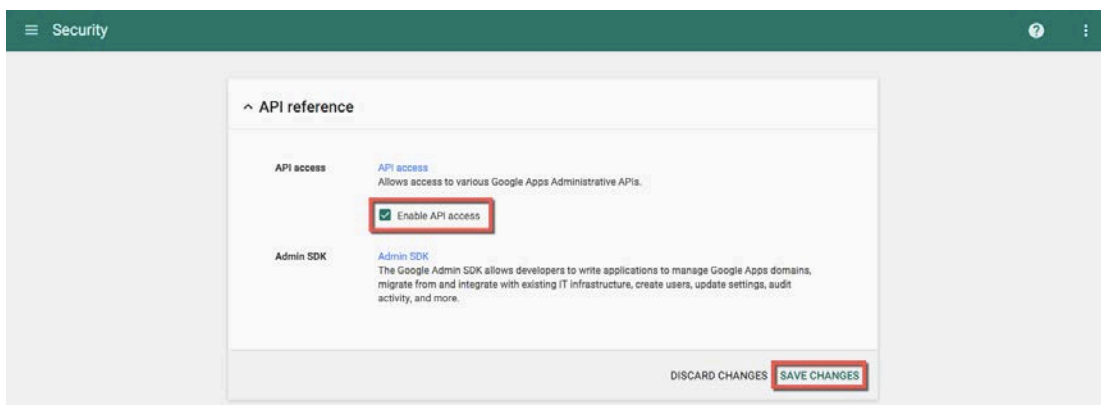
A panel of additional administrative tools will appear. Select the **Security** icon.



From the Security options select the option **API reference**.



Under the section **API access** select the checkbox next to **Enable API access**. Then select the **SAVE CHANGES** button at the bottom of the page.



Next please refer to the document 'Sign in with Google FrogLearn Preferences' for next stages on how to configure FrogLearn for sign in with Google credentials.