

Sign in with Google Pre-Requisites

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

Home	Dashboard			
Dashboard Activity	Project: Google Auth for Frog		Documentation	
Activity	ID: red-tide-111723 (#825863588868) 🗸	Deploy a Hello World app	Google Cloud Platform Documentation C	
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	Use Google APIs Enable APIs, create credentials, and track	underlying infrastructure.	Google Cloud Tutorials 🖉	
	your unige	∗@̀∗ Get Started		
	RPI Enable and manage APIs	Deploy a sample application	Start with a prebuilt solution Launch your favorite software packages	
	Take a VM guickstart	using Node.js	on Google Cloud Platform with just a few clicks	
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	to create a guestbook app	-@- Start Creating		
	(m) Get Started			
		Create a Cloud Storage bucket		
		Store your unstructured data safely and		

Select Credentials from the left-hand side menu.



Select the OAuth consent screen tab.

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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.

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API Manager	Credentials	
Overview Overview Credentials	Credentials OAuth consent screen Domain verification The consent screen will be shown to users whenever you request access to their private data using your client ID Nete: This screen will be shown for all applications using this project's OAuth 2.0 client IDr. Email address	
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Next select the Credentials tab.

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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. <u>https://secondarytraining-</u> sandbox.frogos.net/saml/module.php/oauth2/consumer.php).

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

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Create client ID

Cancel

Application type	
Web application	
Android Learn more	
Chrome App Learn more	
O IOS Learn more	
PlayStation 4	
Other	
Name	
FrogLearn	
FrogLearn Authorized JavaScript origins Enter JavaScript origins here or redirect URIs below (or both)	×
FrogLearn 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).	×
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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.



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



One account. All of Google.

Sign in with your Google Account	
9	
frogadmin@frogosdev.co.uk	
•••••	
Sign in	
✓ Stay signed in Need help?	
Create an account	
One Google Account for everything Google	
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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.

				Drop icons abov	e in the dashboard f	for easy access			
<	Admin roles	Security	Domains	App Engine apps	Support	Migrations	Reports ^{NEW!}		>
	▼ MORE CONTROLS								

From the Security options select the option API reference.

Google	٩
≡ Security	
	Security Gooder.co.uk
	API reference Enable APIs to programmatically manage provisioning, reporting, or migration via custom-built or third- party applications.
	Set up single sign-on (SSO) Setup user authentication for web based applications (like Gmail or Calendar).

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.

≡ Security			0	
	^ API reference			
	API access	API access Allows access to various Google Apps Administrative APIs.		
	Admin SDK	Admin 5DK The Google Admin SDK allows developers to write applications to manage Google Apps domains, migrate from and integrate with existing IT infrastructure, create users, update settings, audit activity, and more.		
		DISCARD CHANGES SAVE CHANGES		

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.