

Use of Google Classroom in Teaching Learning

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- The Google Classroom: a free web service by Google: aims to simplify creating, distributing and grading assignments in a paperless way.
- The primary purpose is to streamline the process of sharing files between teachers and students.
- It combines Google Drive for assignment creation and distribution, Google Docs, Sheets and Slides for writing, Gmail for communication, and Google Calendar for scheduling.
- Mobile apps: available for iOS and Android devices.
- Teachers can monitor the progress for each student, and after being graded, teachers can return work, with comments.
- However, to use it, institute need to sign up for the Google for Education package by providing domain and host details.



Manage teaching and learning with Classroom

Classroom helps students and teachers organize assignments, boost collaboration, and foster better communication.

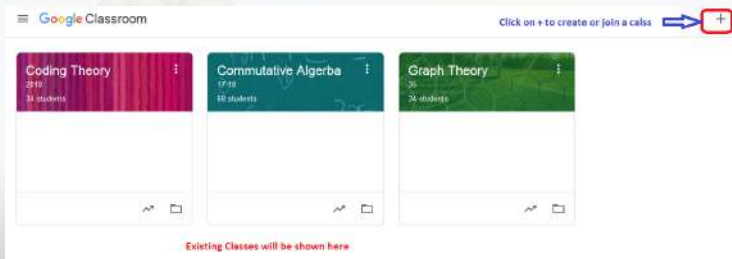
Go to Classroom



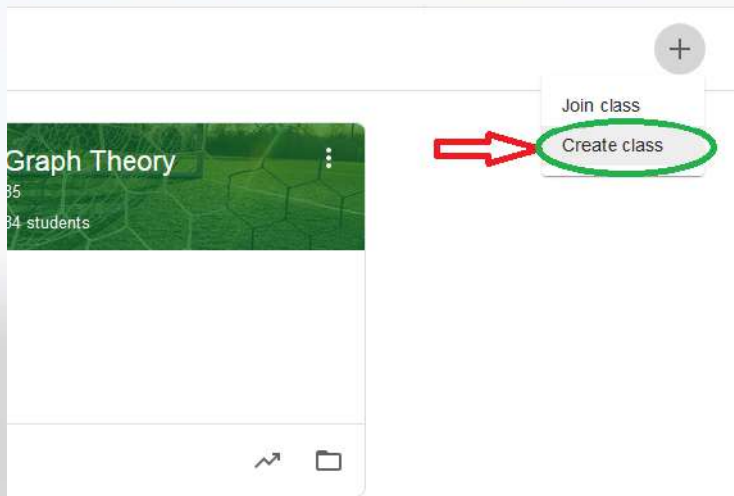
Click to goto google classroom

Having trouble signing into Classroom? [Get tips and help here.](#)

- To start google classroom visit the site <https://edu.google.com/products/classroom/> or just google it with the name
- Click on Goto classroom



- We can see the existing classes
- To create new class, click on plus symbol as shown above.



- To join a class from here, code is required
- Click on create class to proceed further



Using Classroom at a school with students?

If so, your school must sign up for a free [G Suite for Education](#) account before you can use Classroom. [Learn More](#)

G Suite for Education lets schools decide which Google services their students can use, and provides additional [privacy and security](#) protections that are important in a school setting. Students cannot use Google Classroom at a school with personal accounts.

I've read and understand the above notice, and I'm not using Classroom at a school with students

[Go back](#) [Continue](#)



Commutative Algebra : Graph Theory

17-18
68 stu

Create class

Class name (required)
Linear Algebra

Section
M.Sc.

Subject
Mathematics

Room

Cancel Creating...

- Enter Class name(compulsory)and other details
- Upon Clicking on Create, class will be created.

Layout of newly created class



The screenshot displays a user interface for a newly created class. At the top left, the class name 'Linear Algebra' and 'M.Sc.' are shown, along with a class code 'nnq21no'. Navigation tabs for 'Stream', 'Classwork', 'People', and 'Grades' are visible. A large pink banner features the class title and a background image of a tablet and calculator. Below the banner, there is an 'Upcoming' section with 'No items due soon' and a 'View all' button. A central area allows users to 'Share something with your class'. A 'Communicate with your class here' section includes options to 'Create and schedule announcements' and 'Respond to student needs'.

- Created Class with classwork, people and Grades
- Upcoming details, option to sharing a post, theme, etc.



Linear Algebra
M.Sc.
Class code: mnq2bmb

Upcoming
No work due soon
View all

mnq2bmb

Linear Algebra M.Sc.

Communicate with your class here

Create and schedule announcements

- Each class has a code as displayed above
- Using the class code, students and teachers can join the class




The screenshot shows a web interface with a top navigation bar containing 'Stream', 'Classwork', 'People', and 'Grades'. The 'People' tab is selected. Below the navigation bar, there are two main sections: 'Teachers' and 'Students'. Each section has a corresponding 'Add' button with a right-pointing arrow and a person icon. The 'Add Students' button is highlighted with a red outline. Below these sections, there is a text input field with the placeholder text 'Invite students or give them the class code' and the class code 'mnq2bmb' entered. The class code is highlighted with an orange rectangular box.

- Other way of inviting is sending individual mails to join the class
- Sharing class code makes easier, but need to be cautious.




Stream Classwork **People** Grades

Invite teachers

Type a name or email 

Teachers you add can do everything you can, except delete the class.



Posting messages to class



Upcoming
No work due soon
View all

For
Linear Algebra... All students

Share with your class We can share information with students

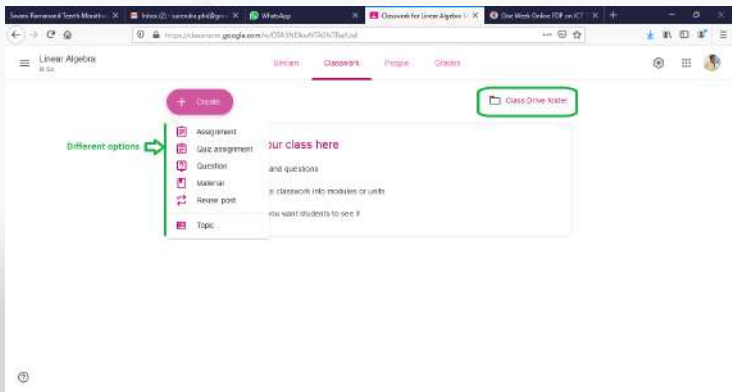
Add We can add links to this post Cancel **Post**

Google Drive
Link
File
YouTube

your class here
announcements

Post now or schedule for later

- After adding students, we can post messages from class home page
- We can include files along with the information.



- Click on classwork to post assignments, quiz, material, etc.
- Paper less assignment is a key feature of google classroom

Creating Assignment



The screenshot shows the Google Classroom assignment creation interface. The title is "Matrix Multiplication". The "Add" button is highlighted with an orange arrow pointing to the "Google Drive" option in the dropdown menu. A green arrow points to the "Points" field, which is set to 100. The "For" field is set to "Linear Algebra" and "All students". The "Due" field is set to "No due date". The "Topic" field is set to "No topic". The "Rubric" field has a "+ Rubric" button.

- Already typed assignment questions can be added or can create
- Options to give marks, due date, etc.

Insert Assignment from drive



Insert files using Google Drive

Recent Upload **My Drive** Shared drives Starred


My Drive ▶ Classroom ▶ Commutative Algebra 17-18

Please submit your ... Assignment 1: Exam...

Files

- commutative algebr...
- New Doc 2018-04-1...
- assignment.pdf

Add Cancel



Students access to assignment



The screenshot shows the Google Classroom assignment creation page. The title is "Matrix Multiplication". There is a text area for "Instructions (optional)". Below that are "Add" and "Create" buttons. A PDF file named "assignment.pdf" is attached, with a green arrow pointing to it. A tooltip is visible over the file, showing three options: "Students can view file", "Students can edit file", and "Make a copy for each student". In the top right corner, there are "Saved" and "Assign" buttons, with a green arrow pointing to the "Assign" button. The right sidebar contains settings for the assignment: "For" (Linear Algebra...), "All students", "Points" (10), "Due" (No due date), "Topic" (No topic), and "Rubric" (+ Rubric).

- Students can be allowed to only view, or edit or download a copy
- Click on Assign to post the assignment to class.

Adding quiz to class



The screenshot shows a quiz creation interface with the following elements:

- Title:** Quiz on ICT tools
- Instructions (optional):** A large empty text area.
- Buttons:** 'Add' (with a plus icon) and 'Create' (with a plus icon).
- Preview:** A small thumbnail of a quiz card titled 'Online Exam on ICT tools' using 'Google Forms'.

- Can insert already prepare quiz using gogole form or create new
- We can set time limit here using due date option.

Grading students



Graph Theory 35		Stream	Classwork	People	Grades
Sort by last name ▾	Apr 27, 2018 Graph Theory out of 100	No due date Find the number of out of 100	Feb 9, 2018 Assignment-1: Paths out of 2		
Class average			1.04		
Anruta Maid	Missing	Manual grading	2		
Ashvini Shrimangal	Missing	—/100	Missing		
ashwini zore	Missing	—/100	2		
Indrajeet gunjal	—/100	—/100	2		
Indutal Shinde	—/100	—/100	2		
JANA KADAM	Missing	—/100	2		

- Shows students marks, students not submitted assignment or quiz
- Class average for each classwork



Class settings Save

General

Class code: msq20mb

Stream: Students can post and comment

Classwork on the stream: Show condensed notifications

Show deleted items:
On: teachers can view deleted items.

Grading

Grade calculation

Overall grade calculation: No overall grade
Choose a grading system. [Learn more](#)

Show overall grade to students:

Grade categories

[Add grade category](#)



Thank You