



First steps

Getting started with GHC







Obtaining weekly timetables

You can follow these steps:







Preliminary considerations to use GHC



View the result



Working with the timetable obtained

Move 1 of solution 1 Seeing the movements of the solution 1 Martes Miércoles Jueves Viernes Lunes Select to view each movemen FRANCÉS 3° A (A-31) 3° B For. Lab. 1 1º FLA (A-23) GUARDIA G Hor A FRANCES REUNIÓN Idiomas GUARDIA G Hor B Marco A 3º A (A-1) LENGUA 3º B ula Músik 11:20 LENGUA 3º A (A-1) LENGUA 3° B (A-2) GUARDIA G Hor B 4 12:30 13:20 LENGU/ 3° A (A-1) 3° B (A-2) Select a row in the above window The teacher's timetable o view the proposed sol LENGUA 3º A (A-1) 13:25 14:15 ÷. Move 1 of solution 1 The group of students Messages 1 (20) Viernes, period:3 - Teacher Alicia exceeds the maximum preferential workweek permanence in 3 per For. Lab. 1 1º FLA (A-23) 16:50 For. Lab. 1 1º FLA (A-23) For. Lab. 1 1º FLA (A-23) For. Lab. 1 1º FLA (A-23) 16:55 Help to the selected message Back to the Apply the selected Help

Adjusting, presenting and transferring the timetable to other applications

Previous week		Monday 22 - May - 2023	Sunday 28 - May - 2023		Next week
Teachers Group:	s Classrooms On-call	hours			
Teacher: Álvarez Be	ngoechea, Felipe 🛛 🗸				
	Monday	Tuesday	Wednesday	Thursday	Friday
	22 May	23 May	24 May	25 May	26 May
18:00	08:00	08:00	08:00	08:00	08:00
		Oc: G Hor A			
09:00	09:00		S: For. Lab. 3 G: 1º FLA C: Anónima #6	09:00	S: Orientación
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10:00	10:00			C: A-2	10:00
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11:00	S: Orientación	S: For. Lab. 3	11:00		S: For. Lab. 3
	G: 1º FLA C: Anónima #6	G: 1º FLA C: Anónima #6			G: 1º FLA C: Anónima #6
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3:00	C: Anónima #6	13:00	13:00		
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gust 2023.				
Monday 22 - May - 2023	Sunday 28 - May - 2023	Next week		

Share the timetable displayed on the calendar





1.– Prepare the information

Basic information

- General timetable frames.
- Subjects.
- Student groups.
- Teachers.
- Classrooms and sets of classrooms.
- Types of tasks or activity.





Other teacher activities.









- Class units.
- On-call hours during school time or breaks.
- Teacher meetings.
- Grades or curricula.
- Teaching departments.



2.– Adding information to GHC







Manual entry





Where do I get the information from?

Academic managers

• If you use an academic management software in your school, it will include the necessary data to draw up your timetables. In this case, it is important to know if it is integrated with GHC. You can see the managers with which GHC is integrated here.

Local files

- If your academic manager is not integrated, check if you can download the necessary data as a .csv or .xml text file or other format to be added in GHC.
- You can also add information to the GHC planner through copy-and-paste operations.







Importing data from a data manager

From an integrated academic manager

- applications.
- icon in the top menu.

- by each manager.



Confirm that your manager appears in the list of integrated

• On the horizontal menu of the planner use the option 'FILE > Import data'. You can also access by clicking on the suitcase

• Choose your manager from the list and press 'OK'.

• Then follow the steps indicated in the menu.

• The data you import will depend on the information provided







Videotutorial: Timetable framework setting

Setting up the frame and reading text files

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From .csv text files you can import data relating to subjects, groups of students, teachers, classrooms, class units, grades, departments, or types of tasks.

- If it is not possible to import the time frame, you will have to set it manually.
- Once you have the file, open the planner and select
 - the fourth option in the top menu 'Read external
- list' or press 'Alt+Insert' or press the icon with two
- + signs in the top bar.

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- The different lists of information can be added
 - through .csv text files.

- A window will then open to identify the source
 - columns with the destination columns.



Timetable framework setting



Get data using the clipboard

- First, you must copy the data from a source list such as an Excel file.
- Then open the planner and select the fourth option 'Paste' from the top menu or press 'Ctrl+V' or click on the 'Paste' icon in the top bar.
- A window will then open allowing you to identify the source columns with the destination columns.













Manual entry of new elements

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Andrew	Andrew full name	Culture	9		
🖣 Ernest	Ernest full name	Math and Sci	11		I
🖣 James	James full name	Languages	17		
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🕥 Nuria	Nuria full name	Math and Sci	10	! Alice	ſ
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Adding new items to lists

- In the planner the fourth menu option is 'Insert new'. • You can also press the 'Insert' key or use the '+' icon in the
- top menu.
- A field will be enabled above the list to enter what you need.











3. Set the conditions

General preferences

 You can set general preferences from the top menu 'Settings > General Options'.

Preferences of each item

 By right-clicking on an item, choose the 'Properties' option and you will see all the available configuration options.





1. <u>Properties of the class units</u>

2. How to set up the teachers' options



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Select preferences

Availability templates

- You will find these templates in all lists to indicate their availability or preference.
- Templates will appear as defined in the general time frame.
- By clicking on each position/cell the conditions will be switched.

















4. Create a timetable

- When the information is set up you will be able to create a result.
- Go in the top menu to 'OUTCOMES> Generate timetable' or press the 'Play' button in the top bar.
- The engine window will open. The engine will search for complete solutions and optimise if it finds them, until you pause or close the engine.
- If you pause the engine, you can restart it to continue working.



The engine





Start time:

Warnings:

Message





5. View the result

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pencil icon.

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Editor characteristics

· You will be able to view the best solution found even while the engine is still working on it. • To open the result in the Editor, click on the

• If the engine improves the timetable, the editor

will offer you to refresh the view.



Final adjustments and presentation



The Editor will allow you to:

- Modify and move the result in an assisted way.
- Display the timetable in different PDF, HTML, Excel formats.
- Export the result to your academic manager.
- Share the timetable on our web platform.
- View reports.







Other tools in GHC App

- Timetable viewer on the calendar.
- Absence and teacher substitution manager.
- Classroom booking.
- Notification tray between GHC App users.
- Shared files platform.
- Sporadic class units or activities.
- Capture of preferences tool by departments.



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Available on web and mobile













Thank you





