

SMARTPHONE AND THE INTERNET



IN DIFFERENT ASPECTS OF LIFE

# Smartphone and the Internet in Different Aspects of Life SIDAL

Meeting



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# Treasure hunt with Google Maps

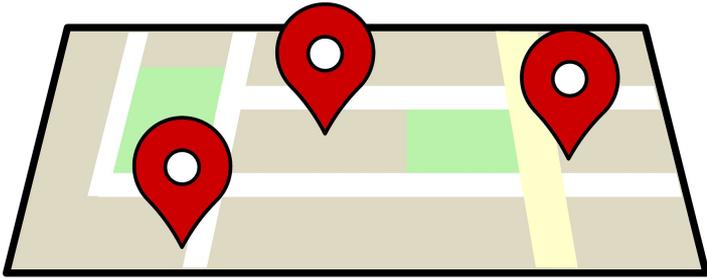


## Goals:

- Plan and design a route
- Orient yourself, provide instructions and interpret the directions on a digital map



# Useful questions



- What is Google Maps?
- How do you create a treasure hunt?
- How can I involve my friends and the community?
- What will I learn from this experience?



# Required tools



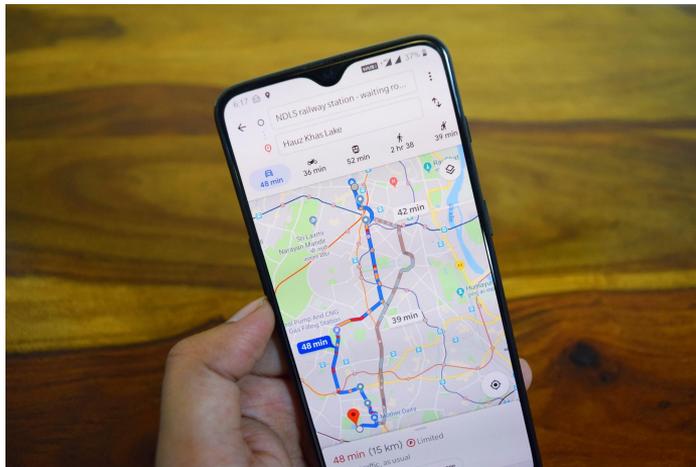
- A tablet or smartphone
- Camera (for example, a smartphone's camera)
- Internet connection or mobile data
- ICT competence (e.g. Google Maps, Word, apps, etc.)



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# Choose your route



- Decide the purpose of the treasure hunt
- Choose the route: a specific area in your town (neighbourhood, area).
- Select information: search its history (particular events, historical/famous characters).
- Consult different sources (newspapers, books, Internet).
- Choose different stages for your route: each stage will correspond to a break. Participants will have to solve a quiz or to do an activity. The stages are represented by points of interest (monuments, buildings, cultural sites).
- Check the route: physically go to the site and take photos.
- Create the route map and develop the relevant materials.

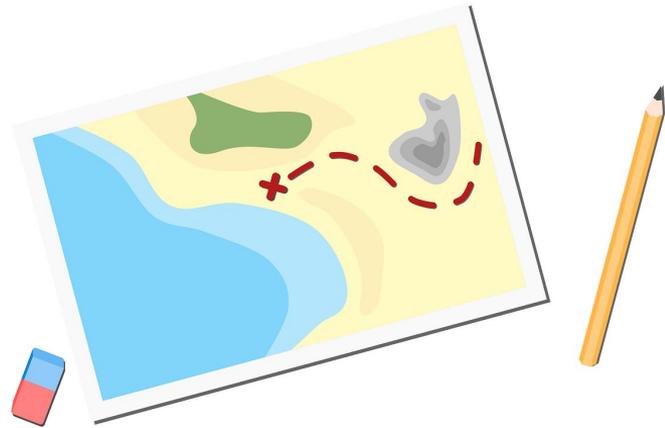


# Quiz creation

- In your quiz, for each stage, think about a question or a task to present to the participants.
- Choose the type of activity (clues search, true/false questions, multiple choice questions, riddles, practical tasks).
- Questions, format, materials and number of devices (paper/electronic format, pdf documents, Word documents, QR code, .jpg or .png images).
- Divide players into teams (criteria and number of participants).
- Initial information (instructions).
- Final prize for the treasure hunt (what do participants win?, prize/certificate of attendance?).



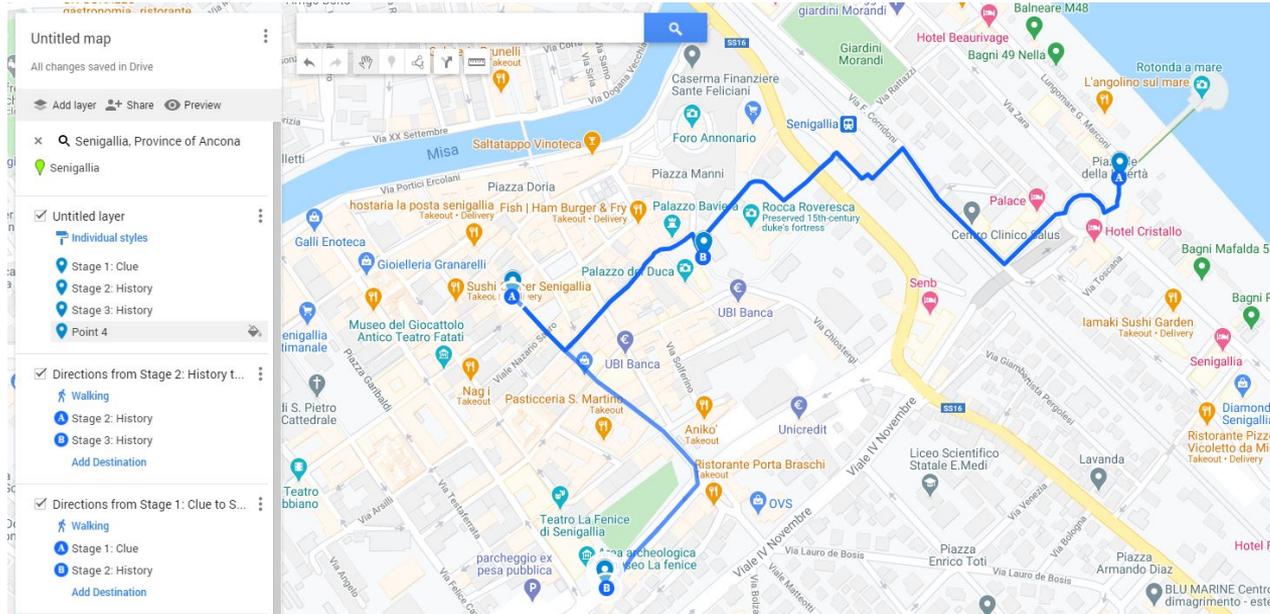
# Material preparation



- Place clues in advance in each stage.
- Print paper materials and prepare other necessary tools in advance; then hand them to the participants (pens, pencils).
- Remind participants to bring their own devices with them.
- Provide participants with instructions (meeting point, timetable, emergency contacts).
- The game organizer can assist or suggest hints to the players, in case they find any difficulties.



# Google Maps: access



Go to Google Maps by clicking on this link:

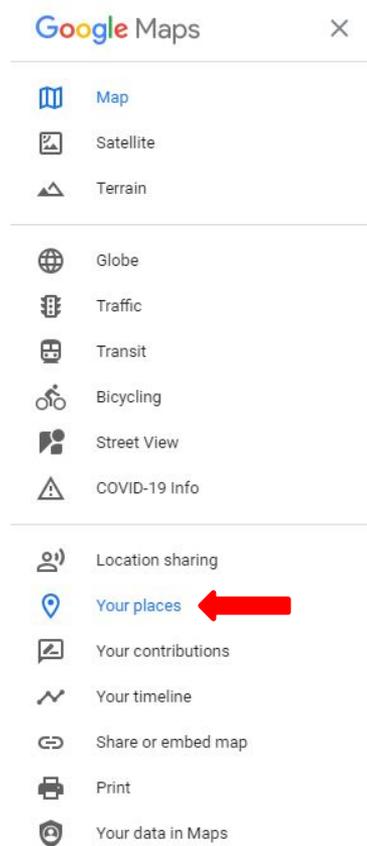
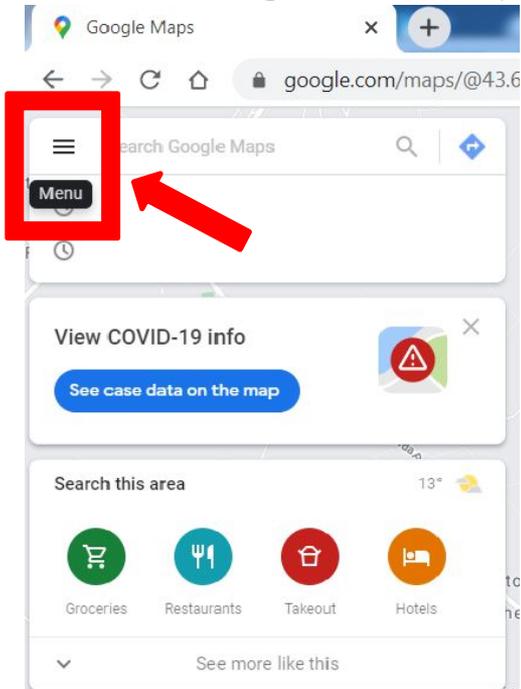
<https://www.google.it/maps>



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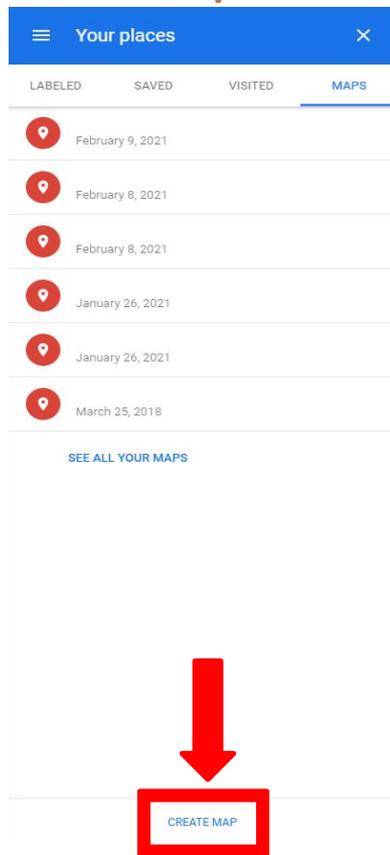
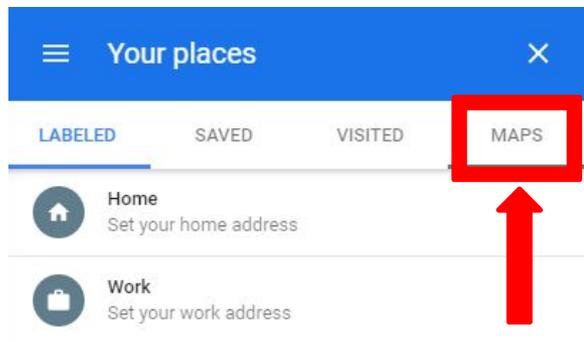
# Google Maps: login



- Click on the menu icon at the top on the left.
- Then click on "Your places".
- Log in with your Google account, entering your email and password.



# Google Maps: create your map

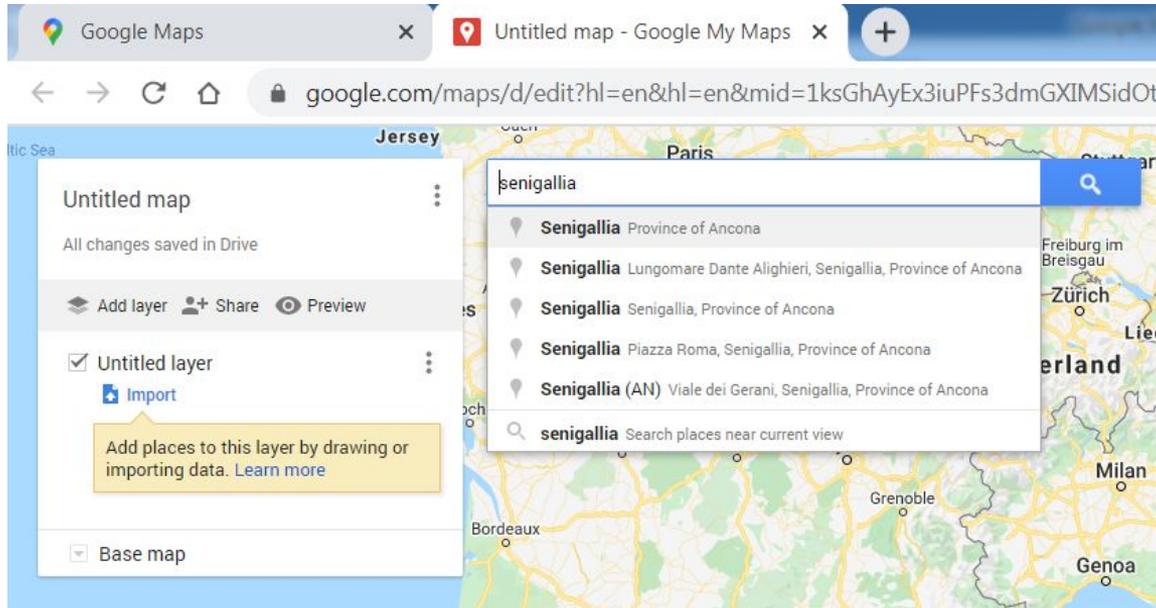


To create a new map for your route, follow these steps:

- Click on "Maps"
- Then choose "Create map"
- A new tab will appear to create the route.



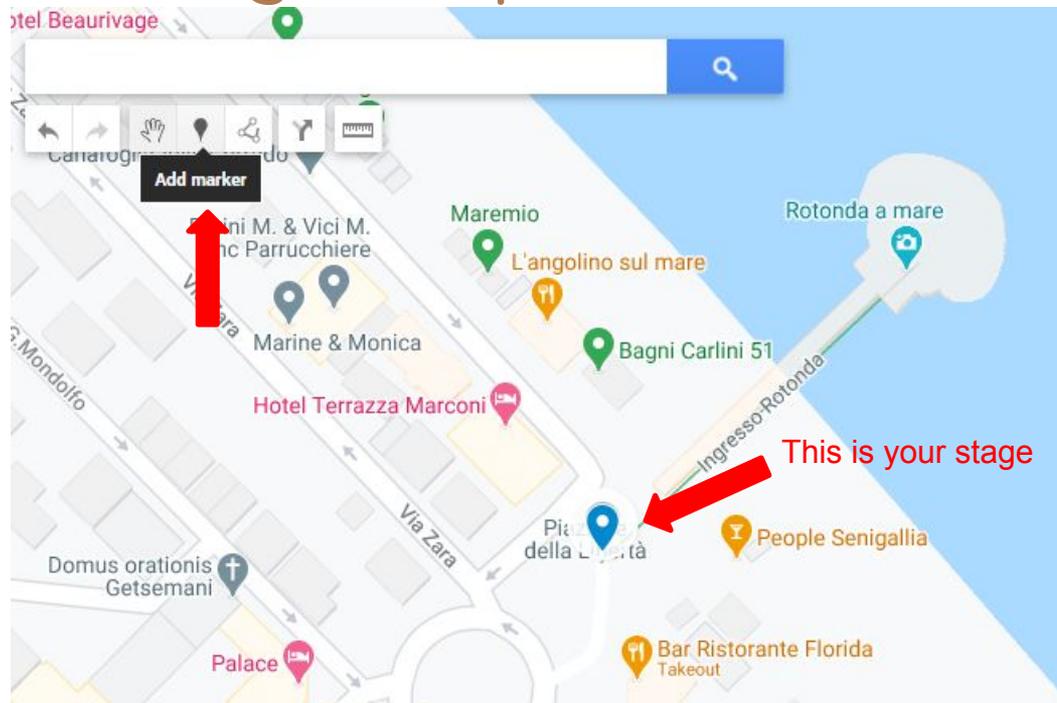
# Google Maps: choose your town



- Click in the search bar and type the name of the town or site of interest in order to display it on the map.
- As you type, a drop-down menu containing suggestions will appear. Click on the town name you are interested in.
- Now the map will display the town.



# Google Maps: choose the stages



To highlight the different stages on the map, follow this procedure:

- Click on the "add marker" icon
- Click on the map in the exact point where you would like to add the treasure hunt stage
- An icon similar to a pin will now appear in the stage that you have selected.



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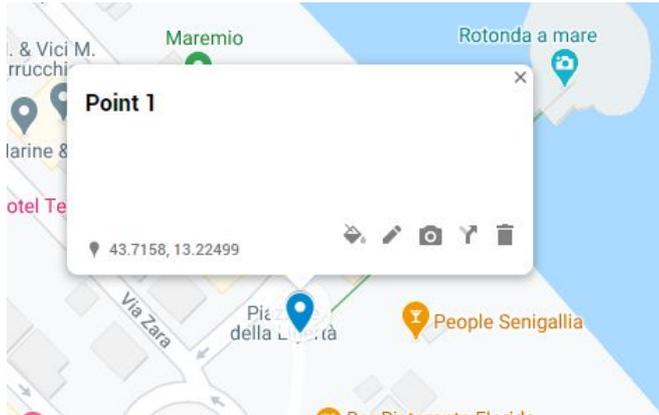


# Google Maps: stages customization

You can customize all your stages: for each stage you can add information or photos.

Click on the stage's icon. A speech balloon containing icons will appear. Here you can:

- Display the coordinates of that place on the map
- Change the icon and colour of the marker
- Edit the name and caption of your stage (e.g. add a clue, a question, an activity)
- Add an image or video
- Get directions to here
- Delete the stage that you have just created



# Google Maps: Create the clues

Here are some examples to create the clues for your stages:

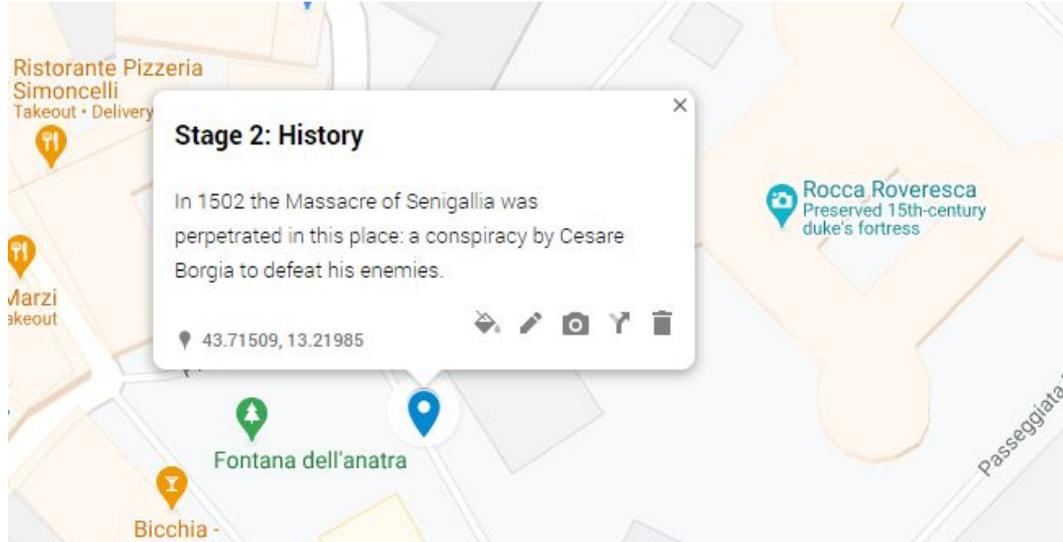
Examples		
Stage	Description	Clue type
The Rotonda (building)	Look for a stilt house built in the early XX century.	Clue
Piazza del Duca (square)	In 1502 the Massacre of Senigallia was perpetrated in this place: a conspiracy by Cesare Borgia to defeat his enemies.	History
Pope Pius IX Museum	The birthplace of the last sovereign of the Papal States.	History
La Fenice Archaeological Museum	Dig underground and travel back through history.	Riddle



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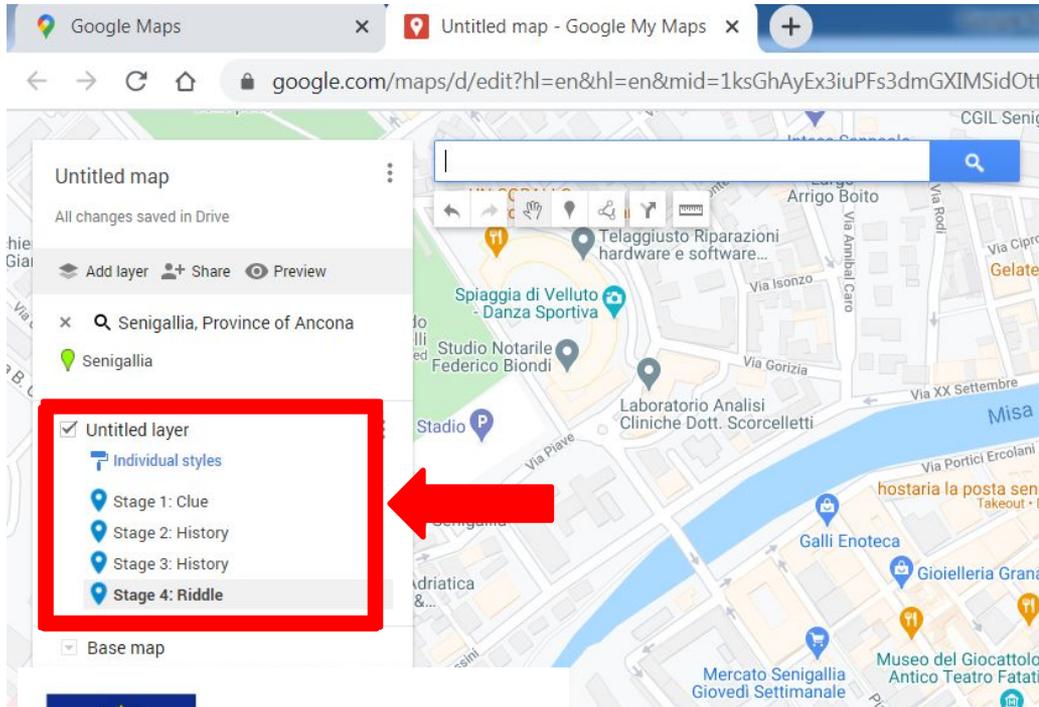
# Google Maps: Add the clues



For example, the stage that you created may look like this.



# Google Maps: your stages



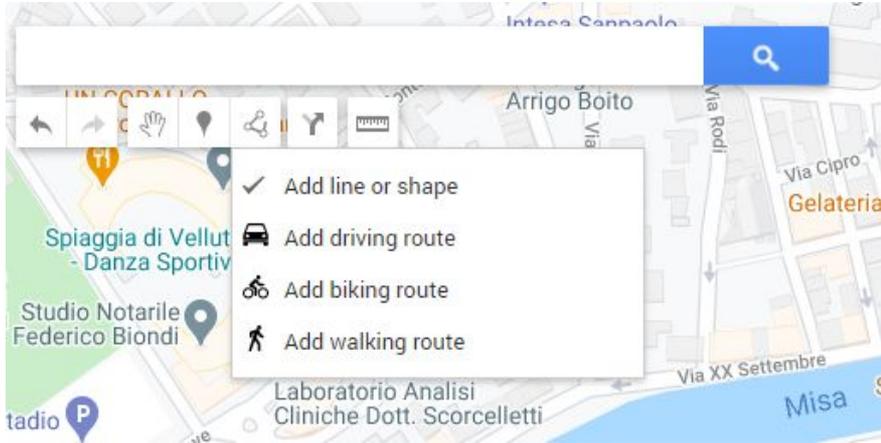
Once you have created all the stages, a list will automatically appear on your left.



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# Google Maps: create a route



Now create the route to join the stages:

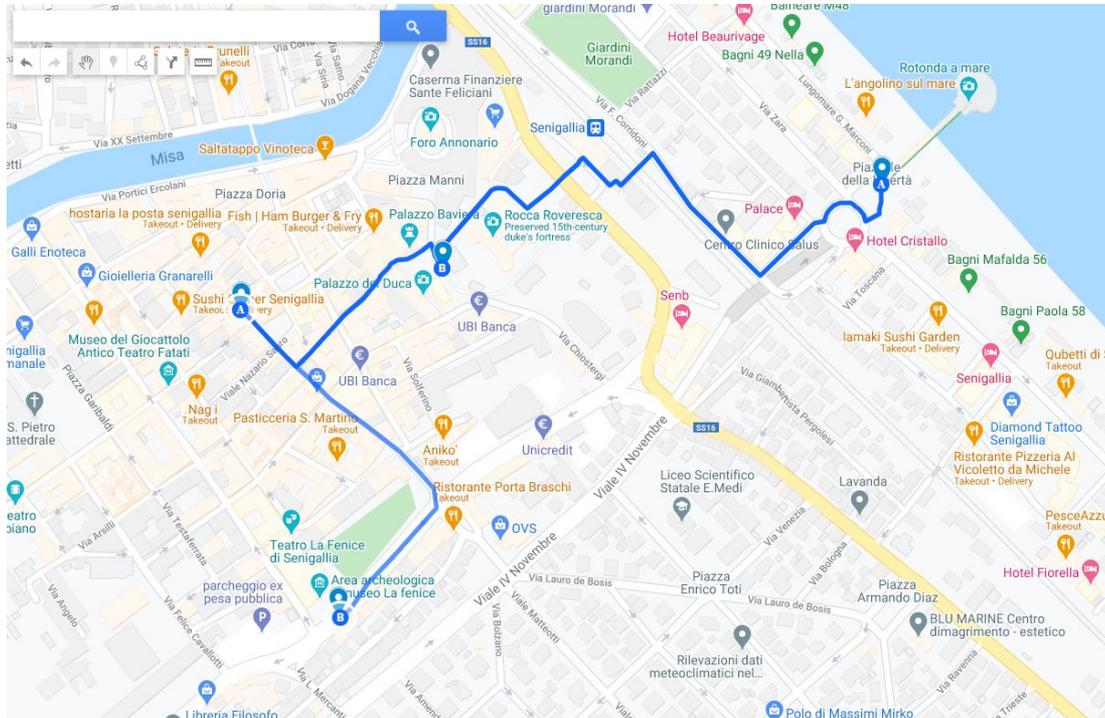
- Click on the “Draw a line” icon to draw the route on the map.
- You can choose to add a walking route, a biking route or a driving route.
- To join the different stages within a single route, click on each marker, following the order in your route.



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# Google Maps: your map



Here is your map!

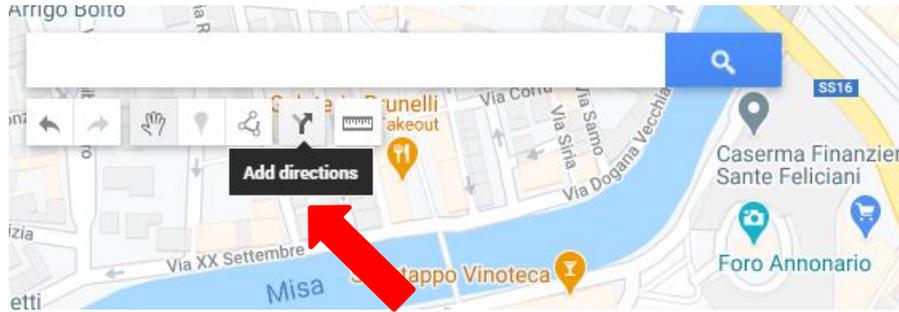
The blue line indicates the route you have created by connecting the various stages.



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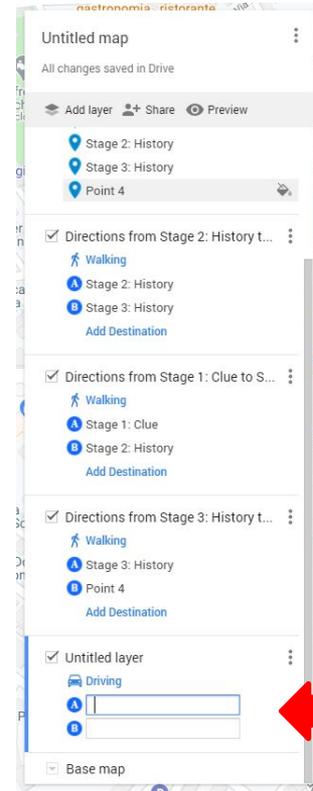


# Google Maps: directions

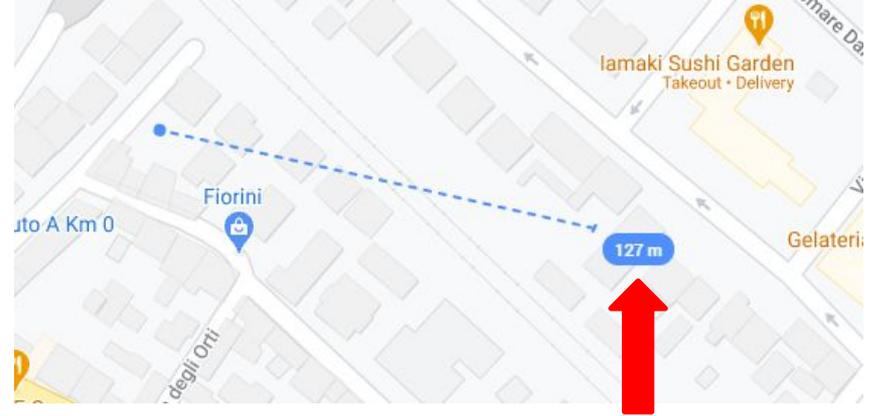
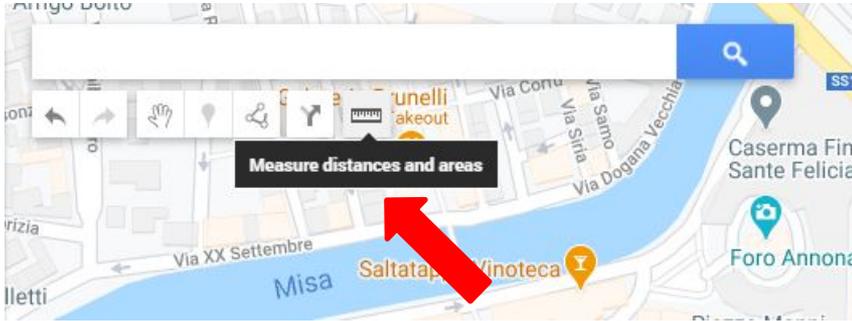


You can also add driving directions:

- Click on the "add directions" icon
- Then manually enter directions in the menu.



# Google Maps: measure distances



You can also measure distances and areas:

- Click on the "measure distances and areas" icon
- On the map, click on the two legs that you want to measure.

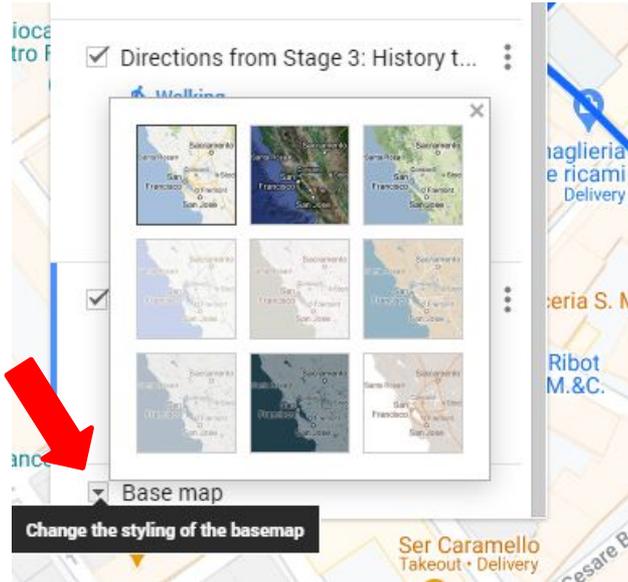
- You'll find out how far they are as the crow flies.



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# Google Maps: styling



You can also change the map type:

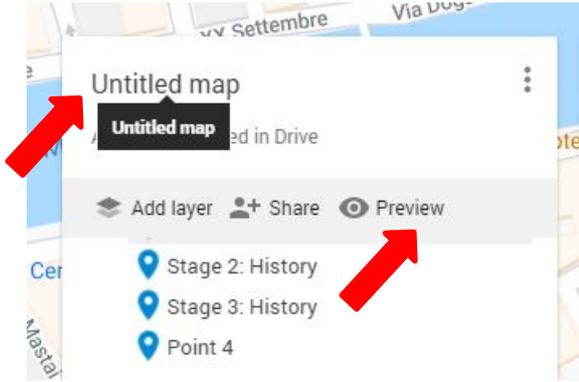
- From the left menu, go to the bottom and click on "Base map".
- Here you can change map. You can choose these options:  
map, satellite, terrain, light political, mono city, simple atlas, light landmass, dark landmass, whitewater.



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# Google Maps: rename the map



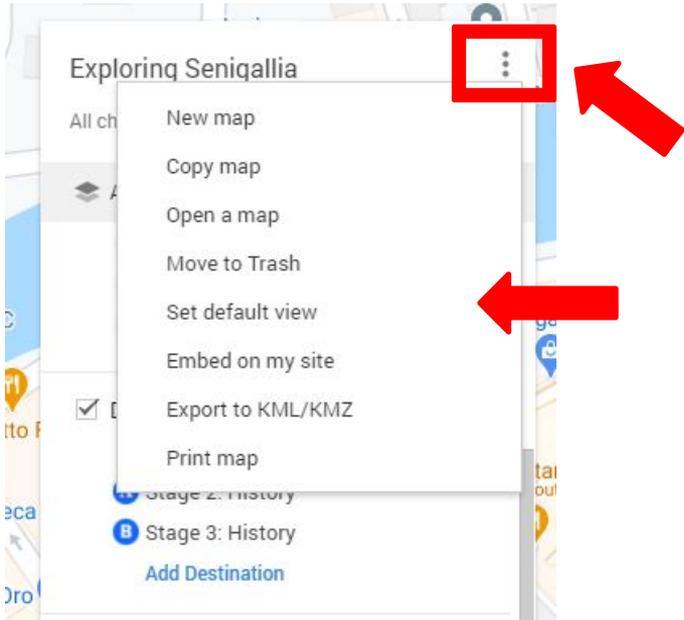
Rename the map:

- On the top of the menu click on "Untitled Map".
- Type a new name and description (for example, Exploring Senigallia) and then click on "Save".

Once you have finished, you can click on the "Preview" icon to display the route that you have just created.

- The preview will be displayed in a new tab. After checking it, close the tab.

# Google Maps: other features



You do not have to save the changes to your map. In fact will be automatically saved on your drive.

Remember that you can find more options in the menu.

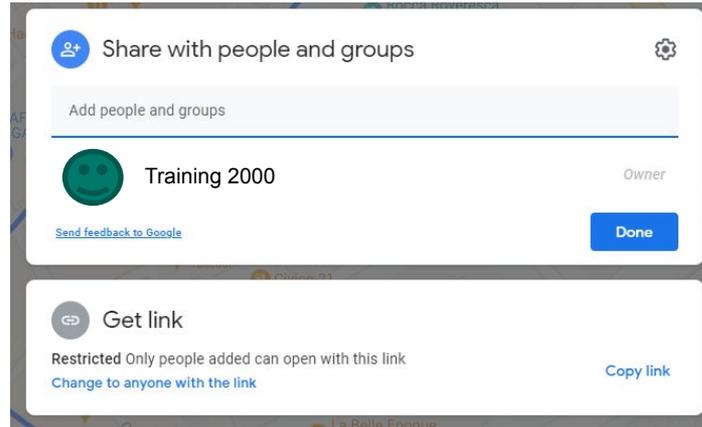
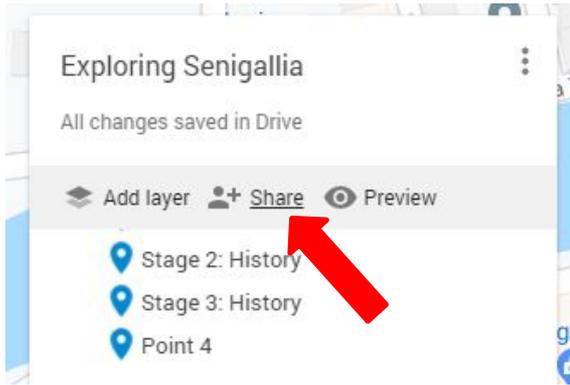
Click on the icon with the three vertical dots to display them.



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# Google Maps: share your map



Your friends can see the route on their smartphones or on their devices, thanks to an Internet connection or by activating the mobile data.

On the menu, click on the "Share" icon to share the map with your friends.

You can share your route by email, typing their email addresses, or you can get a link and share it with your friends via other platforms.



# Practical task

## Now it's your turn!

- Create a treasure hunt and invite your friends.
- Do some researches on the area you are interested in, create clues and design the digital map.
- List all the tools and materials that attendees will have to use.



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# Wrap up

Today you have learnt:

- How to use Google Maps to create, design and read digital maps.
- How to integrate digital experiences with real ones in problem solving activities.
- To brainstorm during the design phase and use team building to carry out the treasure hunt.
- You have noticed that technology can help you deepen your knowledge and engage the community.



# Thank you for your attention!



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