GEOINTERACTIVA

PRESENTATION

CARTOGRAPHY, IN INTERACTIVE VECTOR FORMAT

Interactive vector maps, data and digital tools to explore and interpret the territory. From the classroom whiteboard to students' phones.

01 Who we are

02 The map

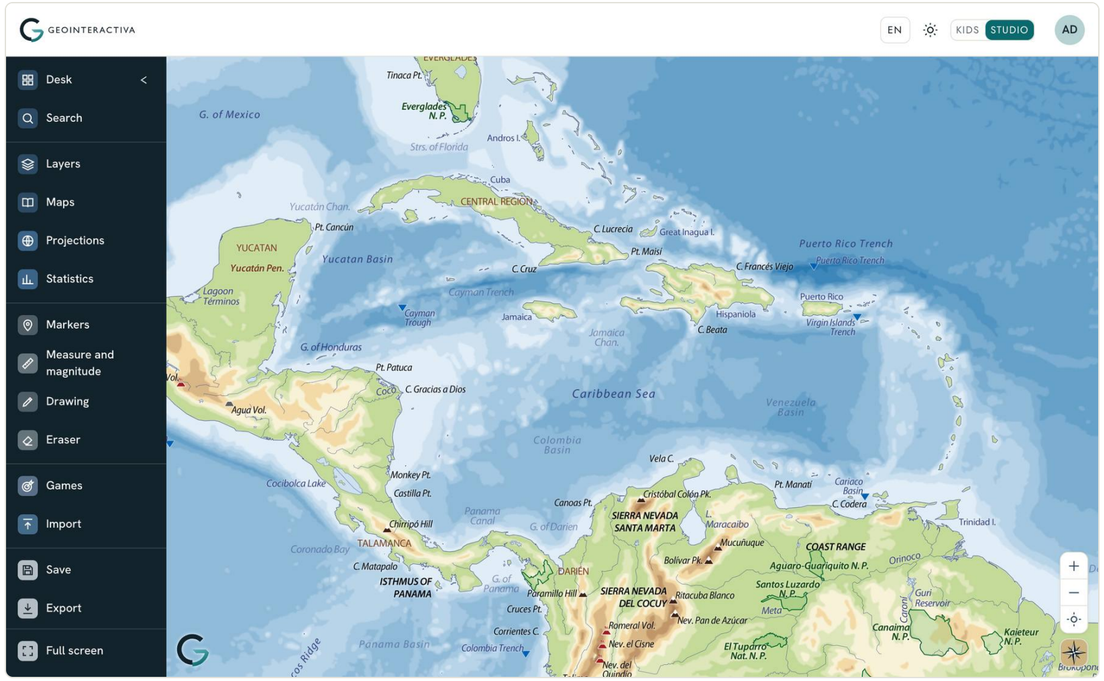
03 The tools

04 In class

05 Schools and distributors

WHAT GEOINTERACTIVA IS

Digital cartography for the classroom: maps and tools to teach and learn geography, history and social studies. School cartography since 1976.



VIEWER · the physical Caribbean



PHONE AND TABLET

FROM PAPER TO SCREEN

It starts from printed school cartography and takes it into the digital world, with new ways to explore geographic information.

A TOOL THAT EVOLVES

From the printed map to the screen, and now to a faster viewer, in the browser.

LEARNING WITH THE MAP

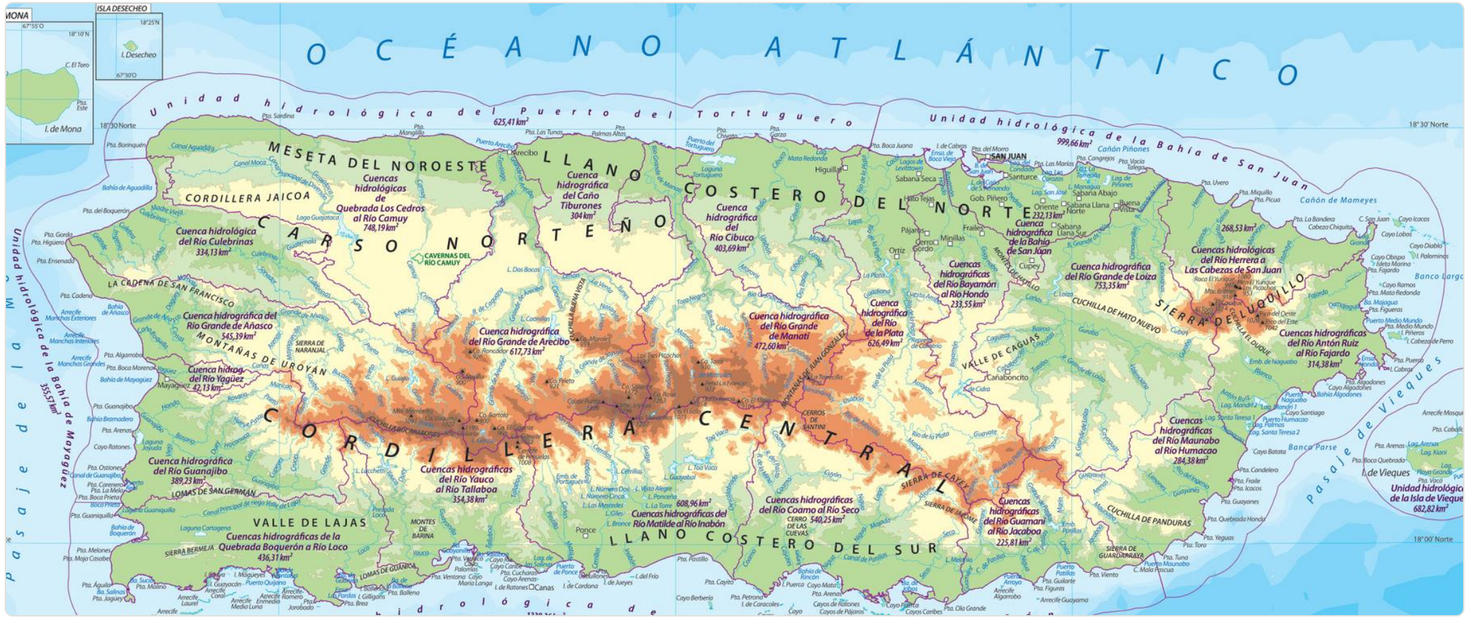
Students don't just copy the map: they explore its layers, relate data and work with it. A more visual, hands-on and participatory geography.

ONE PRODUCT

One viewer, one menu and one design for everything: maps, resources, classroom and games open from one another.

PRINTED SCHOOL CARTOGRAPHY, SINCE 1976

Wall maps of countries and continents, physical and political, for the classroom wall. Two Geointeractiva products: printed maps and the app.



PUERTO RICO · physical



SOUTH AMERICA · physical

Geointeractiva printed wall maps.

ONE MORE TOOL FOR THE CLASSROOM

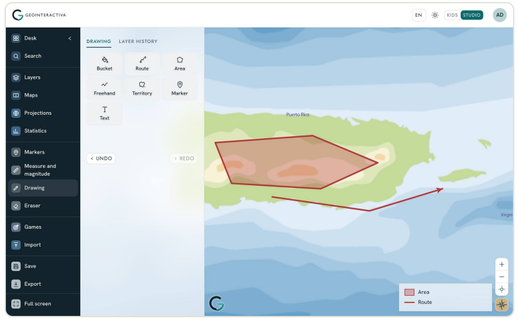
Explore, edit and share, on the same map.



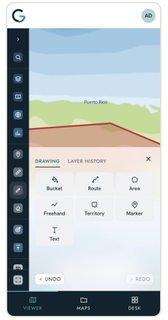
PC AND WHITEBOARD



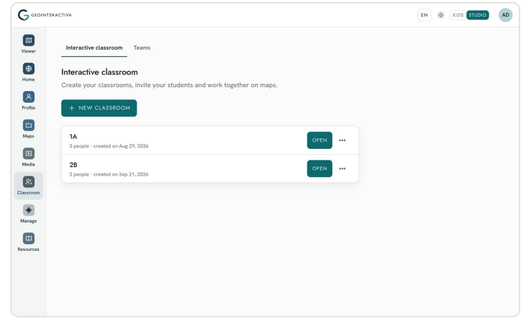
PHONE



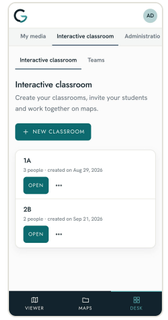
PC AND WHITEBOARD



PHONE



PC AND WHITEBOARD



PHONE

EXPLORE

The map each question calls for: physical, political or blank, with just the right layers.

EDIT

Color, draw, mark and add text, images or media.

SHARE

With the whole group, in class and at home: shared maps, with their activities and results.

USERS AND SPACES IN THE APP

Each user works in their own space, on the same map and with a single account.



TEACHERS

In “Interactive classroom” they create classes, invite students, share maps and check the results.



STUDENTS

They sign in to the class their teacher invites them to. They see the maps their class shares.



SUBSCRIPTIONS

Group, Academic or Academic Net: the subscription holder, and the administrators they appoint, manage its users.



DISTRIBUTORS

They deliver licenses, with a code or by invitation and within their quota, and follow activation and renewals from the professional panel.

ONE VIEWER, ONE MENU

At the top, language, theme and mode; on the left, the tool menu, which also opens the Desk. Each user gets the tools that their subscription includes.



VIEWER · the tool menu expanded

DESK

Home, Profile, Maps, Media, Classroom, Manage and Resources, depending on each account's plan. One click from any map.

KIDS OR STUDIO

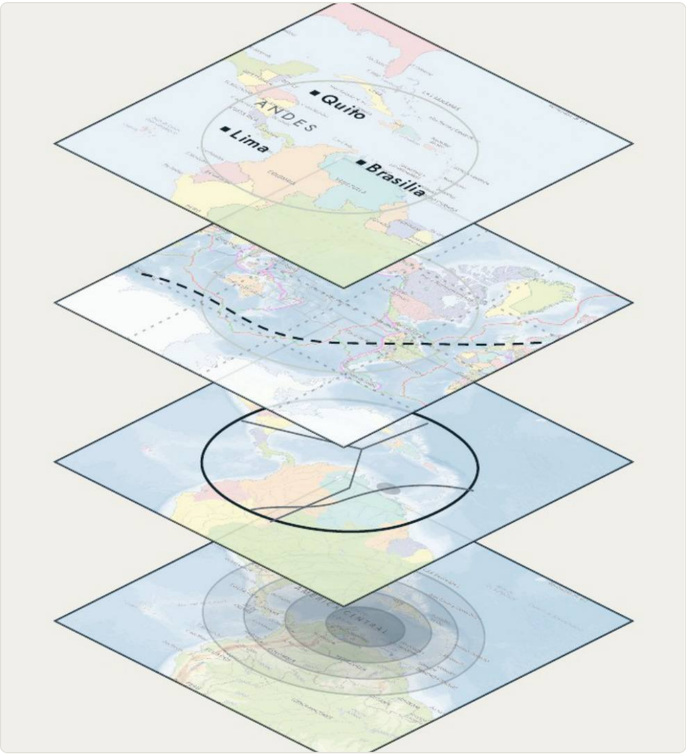
Changed in the header, next to the language and the theme. Teachers can set it for their class.

TOOLS ON THE LEFT

In the same order on every device. The menu folds away to make room for the map.

HOW A MAP IS BUILT

Like overhead projector transparencies: stacked layers and a style that decides colors, line widths and what appears at each zoom.



04 **PLACE NAMES**

On the world map, in Spanish, Catalan, English and French. Each name appears in its place, from a given zoom level.

03 **THEMATIC LAYERS**

Tectonic plates, time zones or meridians and parallels, which can be turned on and off.

02 **VECTOR DRAWING**

Countries, coasts, rivers and lakes, stored as coordinates: they can be colored, highlighted and respond when touched.

01 **RELIEF**

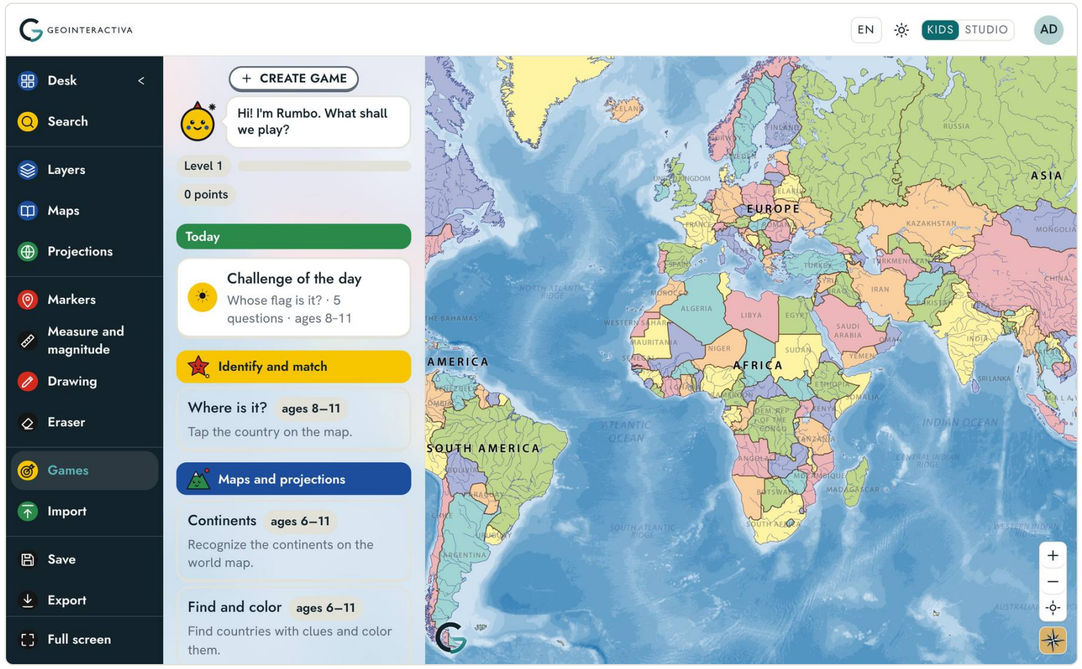
Mountains and sea floors, as an image: the base everything is drawn on.

The browser only requests the map tiles that fit on the screen: that's why it loads fast, even though the full map is huge.

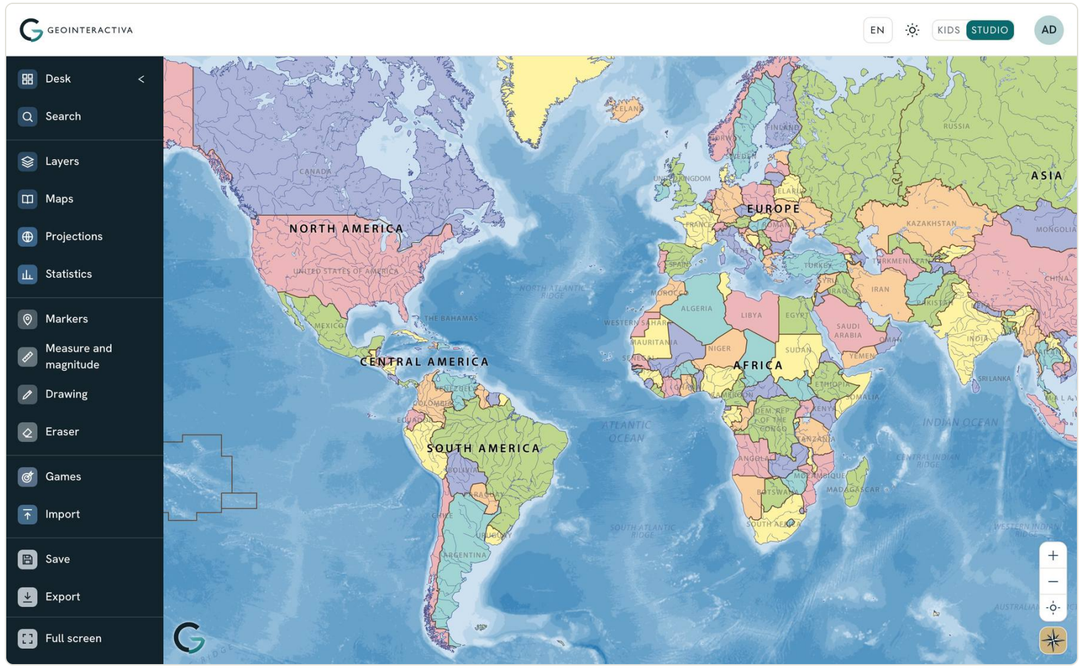
KIDS / STUDIO MODE

ONE TOOL FOR THE WHOLE SCHOOL JOURNEY

Two modes, Kids and Studio, changed in the header; teachers can set them for their class. Kids, up to 11 years old, with Rumbo and colorful challenges; Studio, for all levels, with every tool in the plan. The map is the same.



KIDS · Rumbo and the color-coded games



STUDIO · every tool in the plan

MAPS, DATA AND TERRITORY

Own maps, official data and open sources in a single online tool, to look up, compare and represent.

GEOGRAPHY FOR EVERY STAGE



THE TOOLS

In the order of the app's menu.

SEARCH
Any place, by its name in any language or by latitude and longitude.

PROJECTIONS
Flat, globe and other world map projections, to see how much each one distorts.

MEASURE AND MAGNITUDE
Distances and areas, the true size of a country at any latitude, and which countries fall within an area.

GAMES
Challenges on the map, by age and category, plus the ones teachers create.

EXPORT
The map as an image or a PDF, also to scale, and drawings as data: GeoJSON, KML, GPX or CSV.

LAYERS
The physical, political or blank base, and each layer with its colors and names. Layers you create show as a table and can be merged.

STATISTICS
Data from official sources or your own tables, colored by country or region, in classes or on a color scale.

DRAWING
Routes, areas, territories, freehand strokes and text. Areas can be intersected or subtracted.

IMPORT
Tables with coordinates, GeoJSON, KML, GPX or Shapefile, and images on the map.

FULL SCREEN
For the whiteboard.

MAPS
Maps of the world and of each country, and saved maps.

MARKERS
Points with a shape, emoji or flag, and a card with text, image, link or video.

ERASER
Erases what has been drawn.

SAVE
The map with its layers, markers and drawings, in Maps on the Desk.

LOCATE A PLACE

Search any place by name or by latitude and longitude, and mark the points that matter with text, images or media.

TOOLS

Search · Markers

An example: the flags of South America, each one in its capital.



MARKERS · flags in the capitals of South America



PHONE AND TABLET

LAYERS

The physical, political or blank base, and each layer with its lines, colors, symbols and names, one click away.

TOOLS

Layers

An example: the physical map of South America, with relief, rivers and the name of each feature.



LAYERS · the physical base over South America

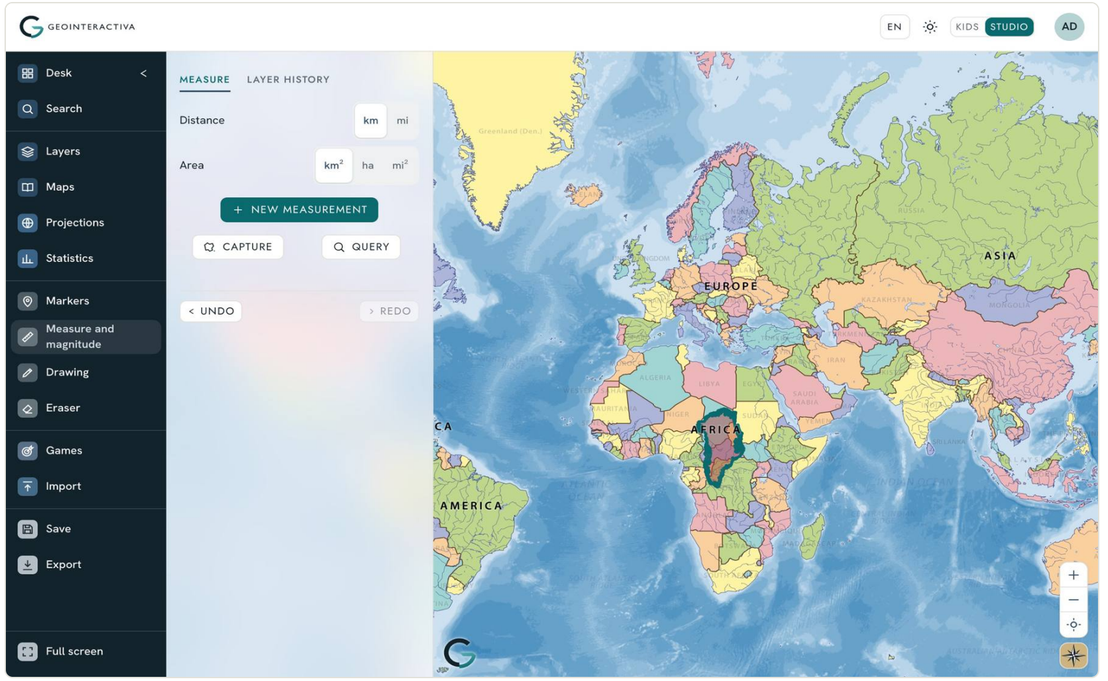
PROJECTIONS AND TRUE SIZE

The map can be seen flat, as a globe or in other projections. And “Capture territory” moves a country to another latitude with its true area.

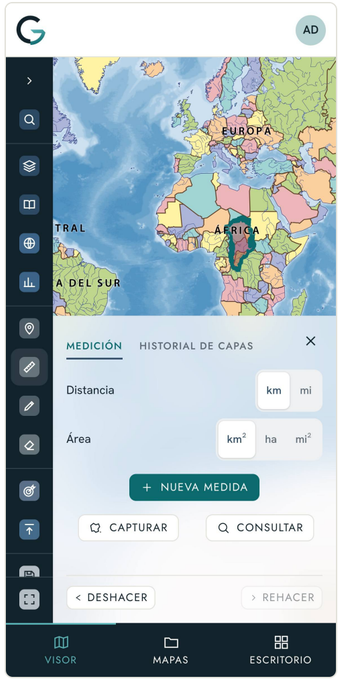
TOOLS

Projections · Measure and magnitude

An example: Greenland moved over Africa. 2.1 million km² at any latitude.



TRUE SIZE · Greenland over Africa



PHONE AND TABLET

DATA ON THE MAP

Data from official sources, or your own tables, colored by country: population, economy or organizations.

TOOLS

Statistics

An example: GDP per capita in five classes, with Brazil selected and its value in the panel.



STATISTICS · GDP per capita in the Americas

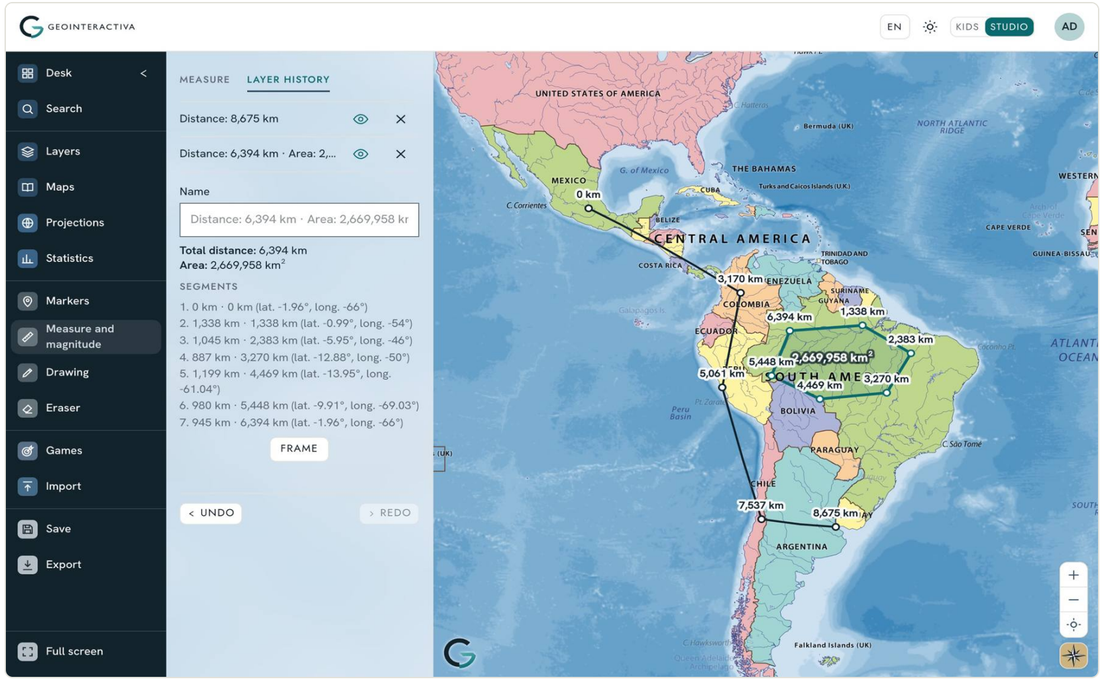
MEASURE DISTANCES AND AREAS

Mark points on the map and see each leg, the total distance and the enclosed area, in kilometers, miles or hectares. And with True size, the real shape of a country at any latitude.

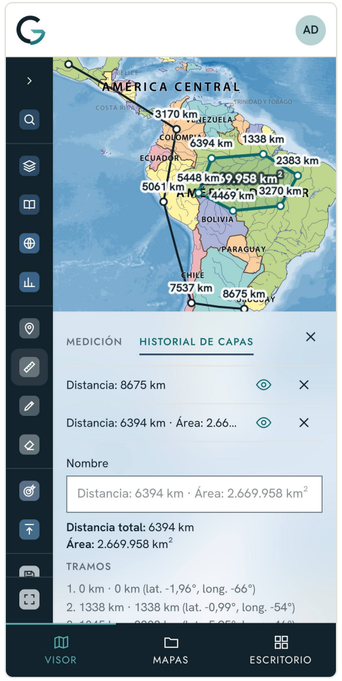
TOOLS

Measure and magnitude · Drawing

An example: from Mexico to Buenos Aires, an 8,675 km route, and an area in the Amazon of 2.67 million km².



MEASURE · each leg, the total and the area



PHONE AND TABLET

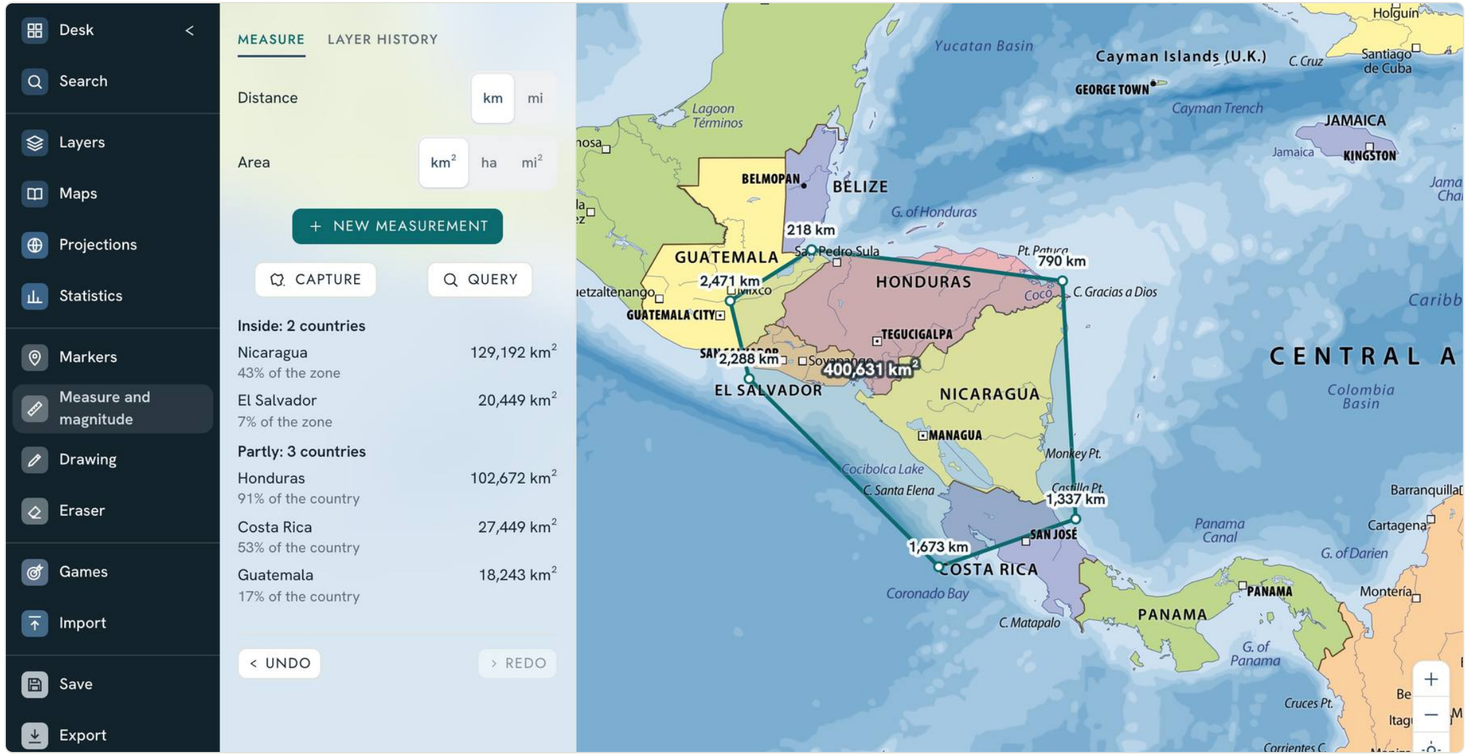
QUERY AN AREA

Draw an area or measure a surface, and the app shows which countries lie inside and which only partly, with their percentage.

TOOLS

Measure and magnitude

An example: almost 400,000 km² in Central America. Inside, El Salvador and Nicaragua; partly, Honduras, Costa Rica and Guatemala.



QUERY AN AREA · which countries fall within an area

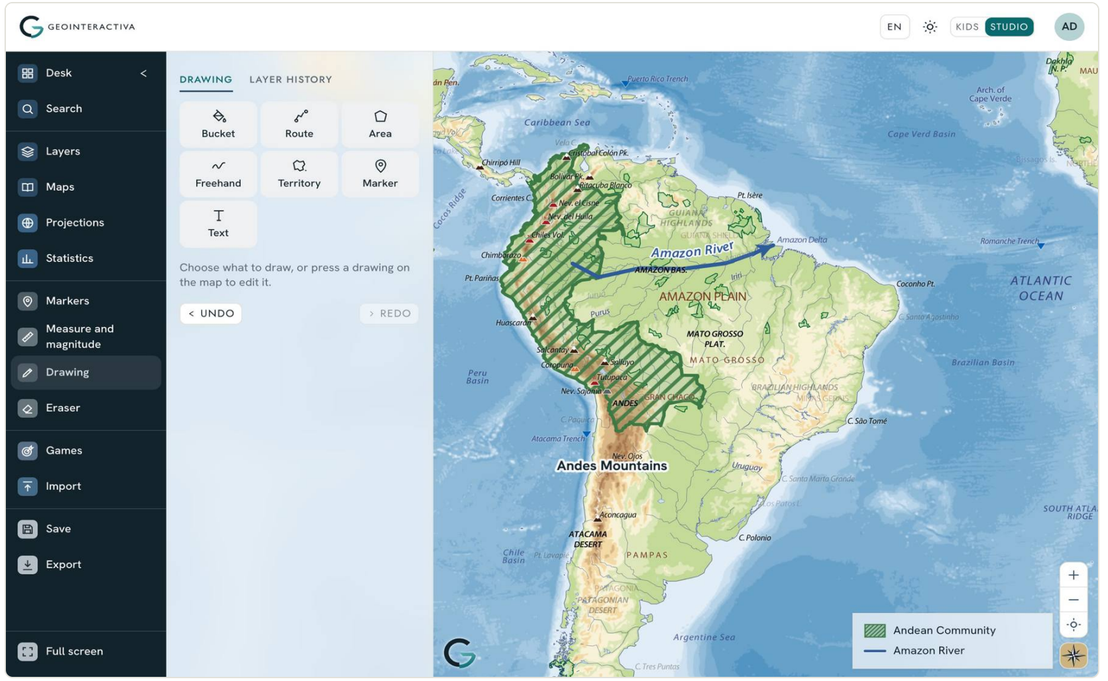
TELLING STORIES ON THE MAP

Draw routes, zones and polygons, and add markers with text, images or media to explain a place or a process.

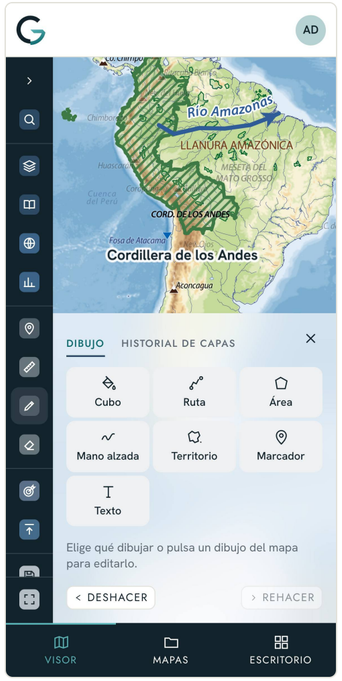
TOOLS

Drawing · Markers

An example: the Andean Community as a territory, the Amazon River as a route with an arrow, and the Andes labeled.



DRAWING · territory, route and label over South America



PHONE AND TABLET

YOUR OWN DATA ON THE MAP

Bring your own data to the map: spreadsheets (CSV or Excel), KML, GPX or GeoJSON, in a new layer or an existing one.

TOOLS

Import · Markers

An example: four archaeological sites, pasted as a table and turned into markers.

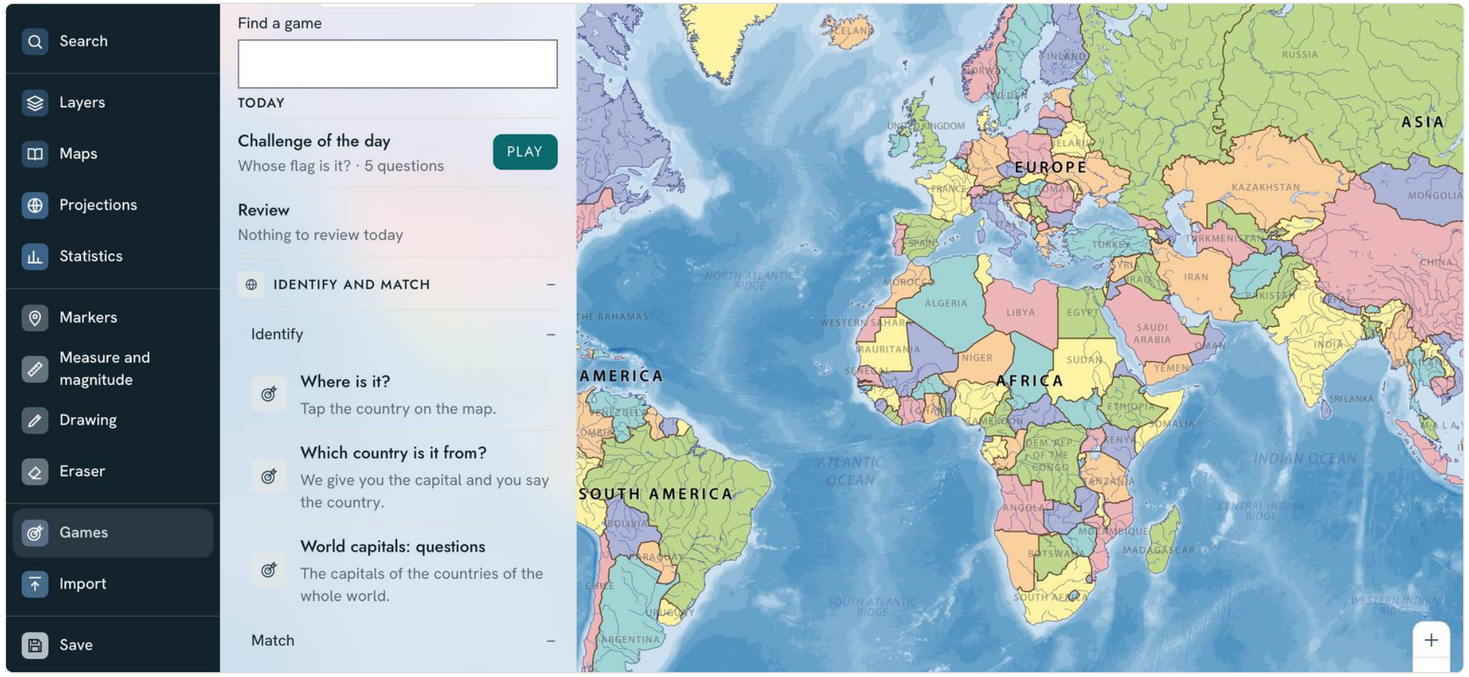


IMPORT · a pasted table, turned into markers

GAMES

GAMES, INSIDE THE VIEWER

"Games" is one more tool in the menu: it opens without leaving the viewer, according to the mode. Each game shows its age and is chosen by category: identify and match, maps and projections, or flags.



GAMES · the daily challenge and the categories, each with its games

AGES 6 TO 11

Games with more help, by age: 6–7, 8–9 and 10–11. Large buttons and simple screens.

FROM AGE 12

More games, more countries and territories and less help: 12–13, 14–15 and +16.

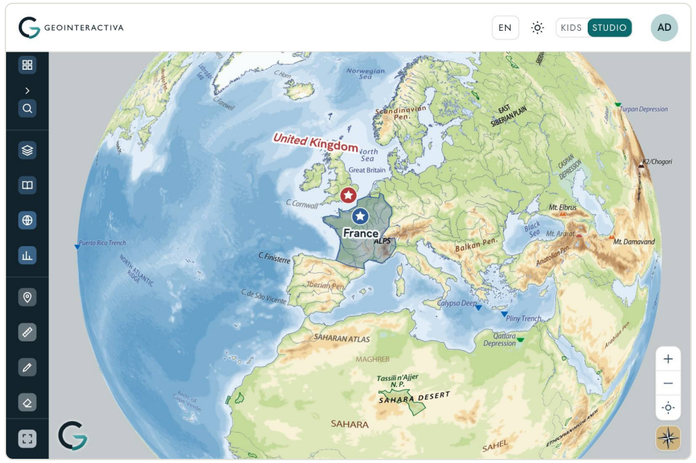
TEACHER EDITOR

Teachers create their own games, and progress shows up in the class.

A HISTORY CASE: THE NAPOLEONIC WARS

FRANCE AGAINST EUROPE, 1803–1807

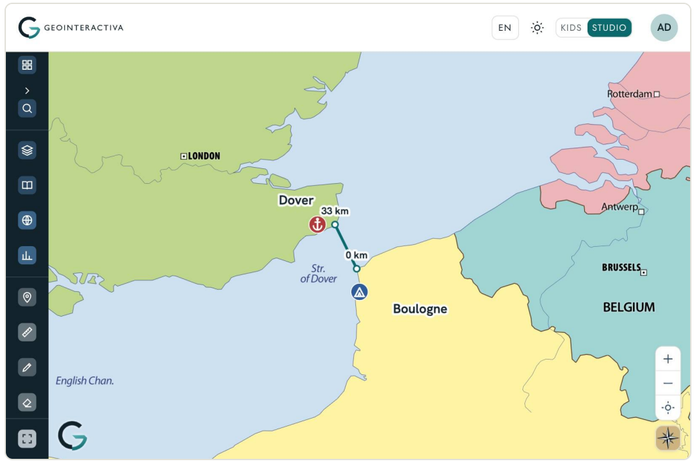
Made in the app, with its layers, projections and tools. Historical lines are approximate.



1803 · PEACE BREAKS DOWN

France and the United Kingdom go back to war after the Peace of Amiens. France at the time, on the globe.

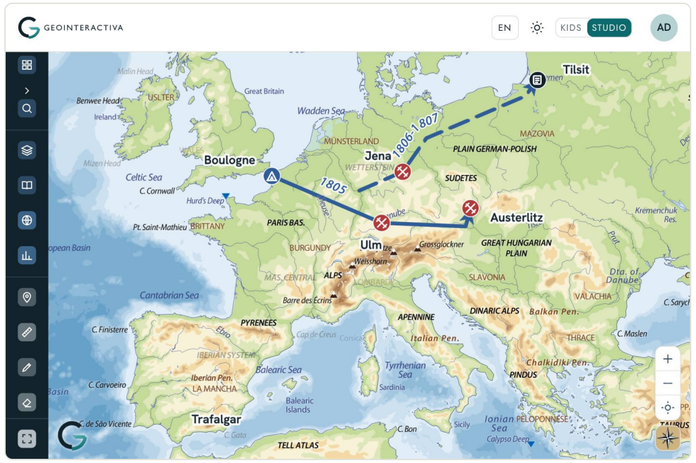
Globe · Physical · Area · Markers



1805 · A 33 KM CHANNEL

Napoleon gathers his army at Boulogne to invade England. The measurement gives the width of the Strait of Dover.

Flat · Political · Measure · Markers



1805–1807 · FROM ULM TO TILSIT

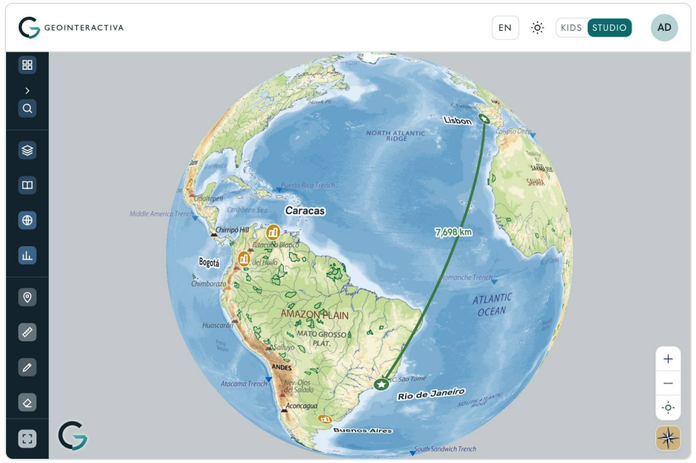
Trafalgar leaves the sea in British hands. On land, Ulm, Austerlitz and Jena open the way to Tilsit.

Flat · Physical · Routes · Symbols

A HISTORY CASE: THE NAPOLEONIC WARS

THE EMPIRE AND ITS TWO FRONTS, 1807–1812

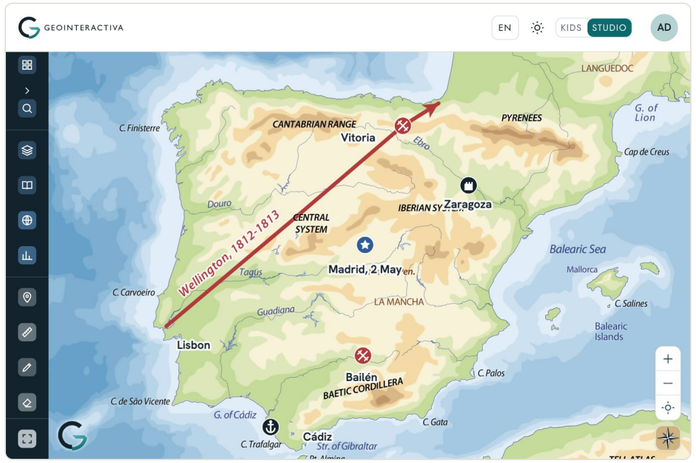
The same case, with a different view in each panel: the globe for the Atlantic, the physical map for the Peninsula, the blank map for the Empire.



1807–1810 · THE ATLANTIC

The Portuguese court travels to Rio. The Spanish crisis of 1808 spurs the 1810 movements in the Americas.

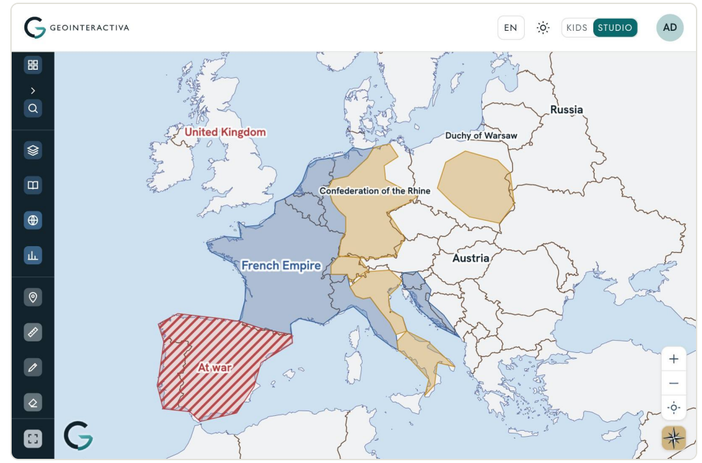
Globe · Physical · Great circle · Symbols



1808–1814 · THE PENINSULA

The Second of May, Bailén and the sieges of Zaragoza. From Portugal, Wellington advances to Vitoria and the Pyrenees.

Flat · Physical · Route · Symbols



1812 · THE FRENCH EMPIRE

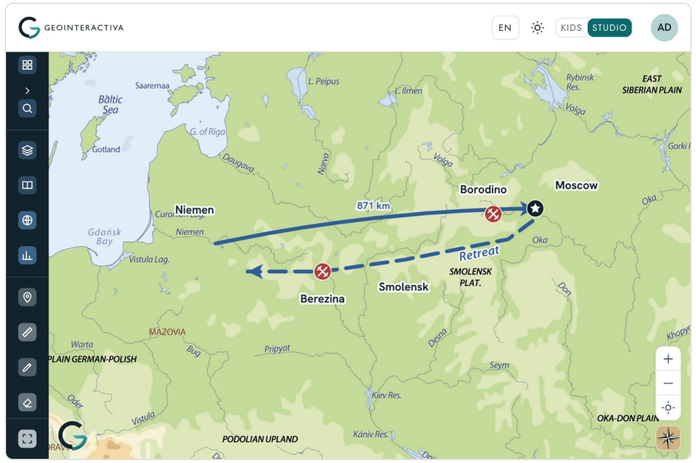
France, its annexations and its allied or dependent states, drawn by hand on the blank map.

Flat · Blank · Areas · Text

A HISTORY CASE: THE NAPOLEONIC WARS

THE FALL, 1812–1815

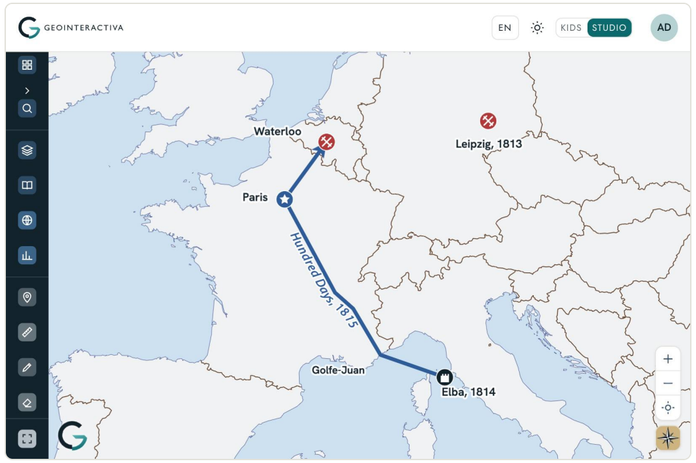
A route with its distance, the return from Elba and the last journey, on the flat map and on the globe.



1812 · RUSSIA

From the Neman to Moscow, 871 km in a straight line. The retreat passes through Smolensk and the Berezina.

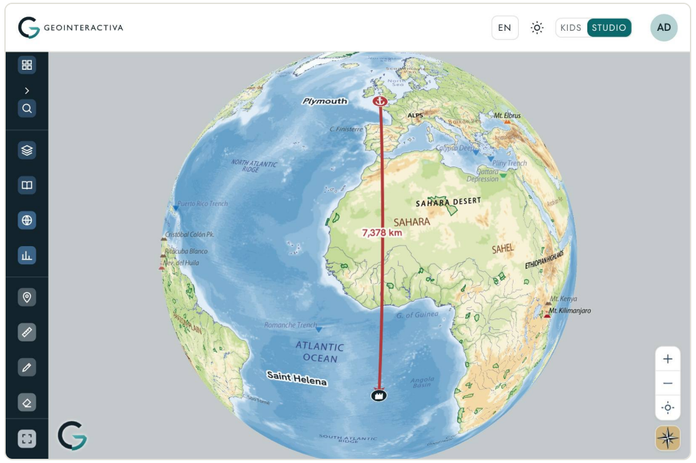
Flat · Physical · Route with distance · Symbols



1813–1815 · FROM LEIPZIG TO WATERLOO

Defeat at Leipzig, abdication and exile on Elba. The return of the Hundred Days ends at Waterloo.

Flat · Blank · Route · Symbols



1815 · SAINT HELENA

The last journey, from Plymouth to the South Atlantic, with the great-circle distance.

Globe · Physical · Great circle · Symbols

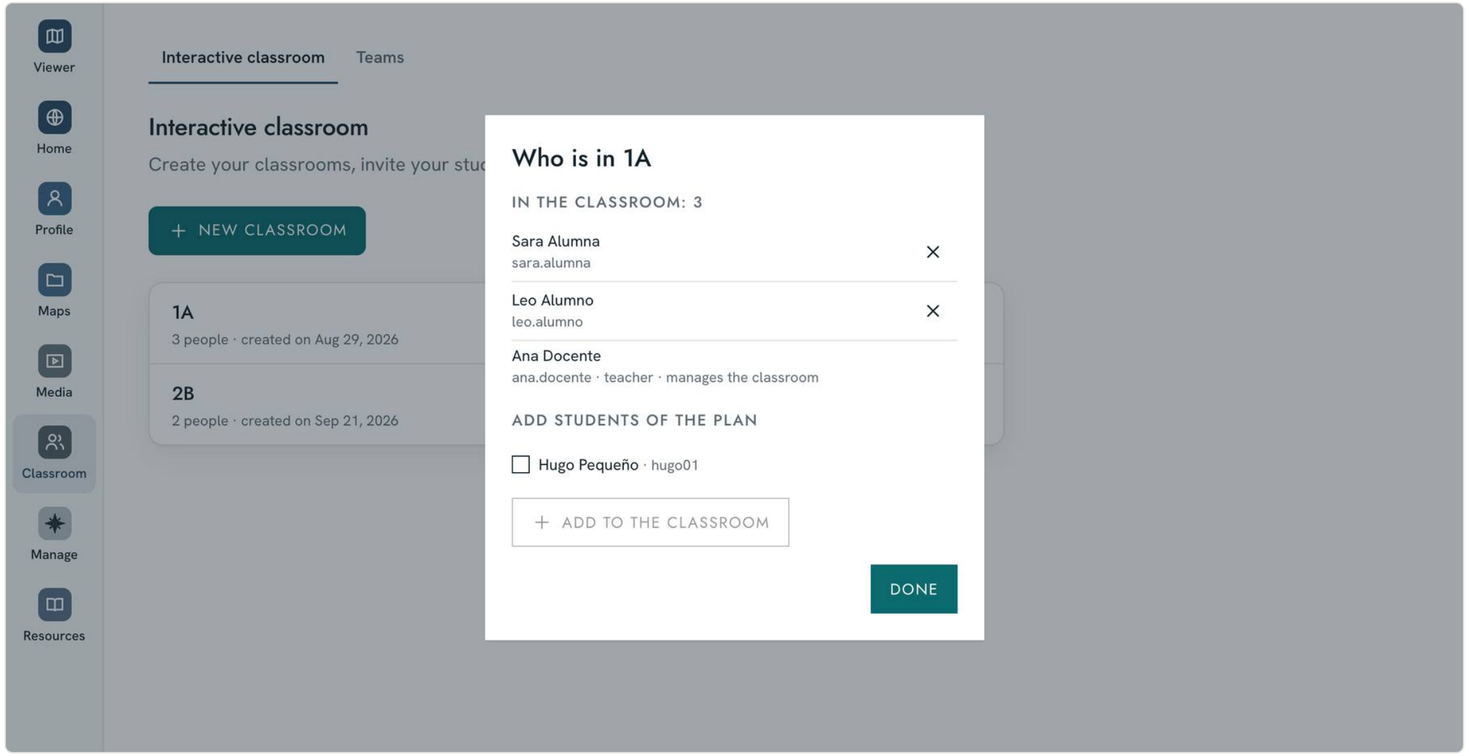
SHARING WITH THE GROUP

From “Interactive classroom”, teachers create classes, share maps and check the results.

TOOLS

Interactive classroom

An example: the classes 1A and 2B, and who is in each one.



INTERACTIVE CLASSROOM · who is in 1A, with sample names

RESOURCES

RESOURCES, ON THE DESK

Worksheets for teachers, activities, video tutorials and ready-made maps created by Geointeractiva, inside the app, with a layered menu.



RESOURCES · worksheets for teachers and video tutorials

WITH A LICENSE

For teachers, in every licensed plan; the Demo doesn't include them.

WORKSHEETS FOR TEACHERS

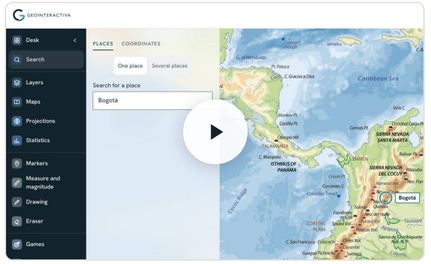
Step-by-step activities, with the app's layers and tools used in each one.

VIDEO TUTORIALS

Ten short videos, one per tool, in Spanish, Catalan, English and French.

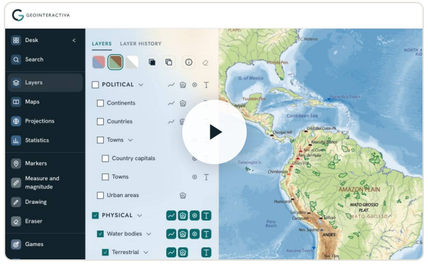
VIDEO TUTORIALS

Ten short videos, one per tool, in Resources on the Desk, for licensed accounts.



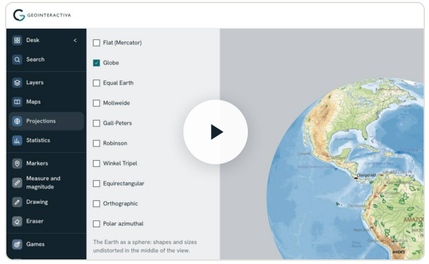
SEARCH

Any place, in any language.



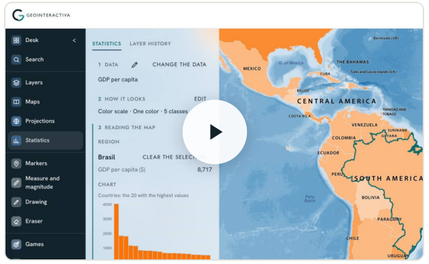
LAYERS

The base and each layer, one click away.



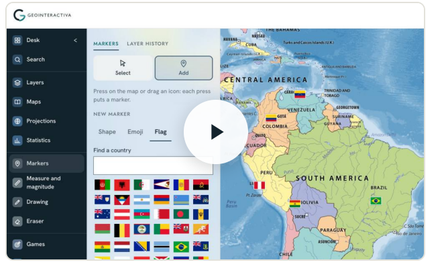
PROJECTIONS

Globe, flat and other projections.



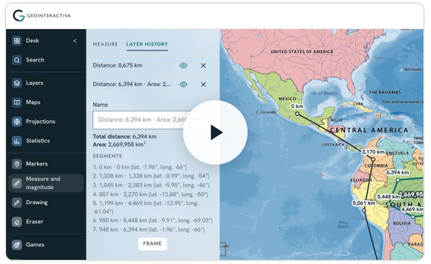
STATISTICS

Official data colored by country.



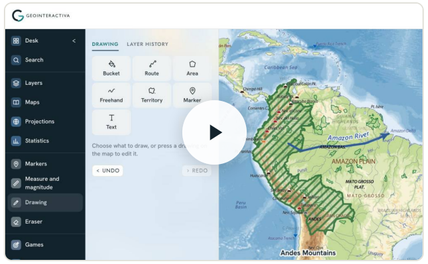
MARKERS

Points with a card of text and image.



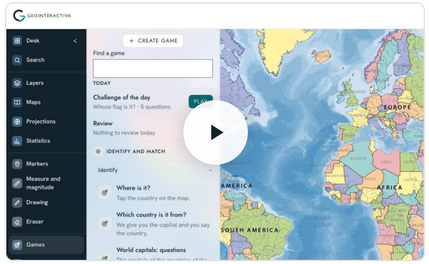
MEASURE AND MAGNITUDE

Distances, areas and true size.



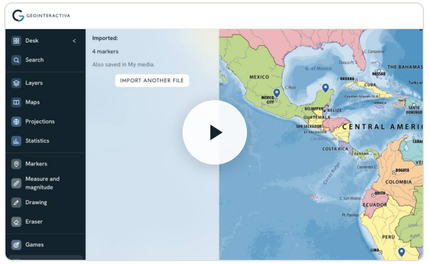
DRAWING

Territories and routes with arrows.



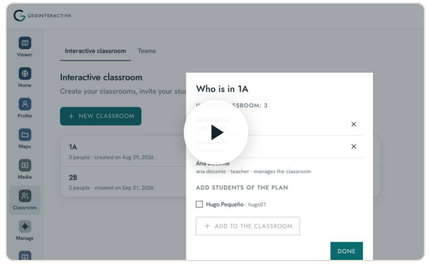
GAMES

Challenges answered on the map.



IMPORT

A table turned into markers.

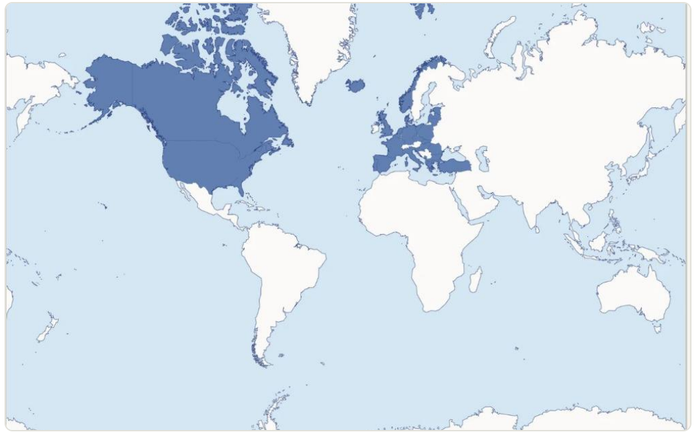


INTERACTIVE CLASSROOM

Classes, students and shared maps.

GEOGRAPHY, HISTORY AND SOCIAL STUDIES ON THE SAME MAP







HISTORY

Civilizations, empires or trade routes, with vector drawing, over today's relief and borders.

SOCIAL AND CULTURAL

Countries colored with the paint bucket or with your own data imported from a spreadsheet: population, economy or organizations.

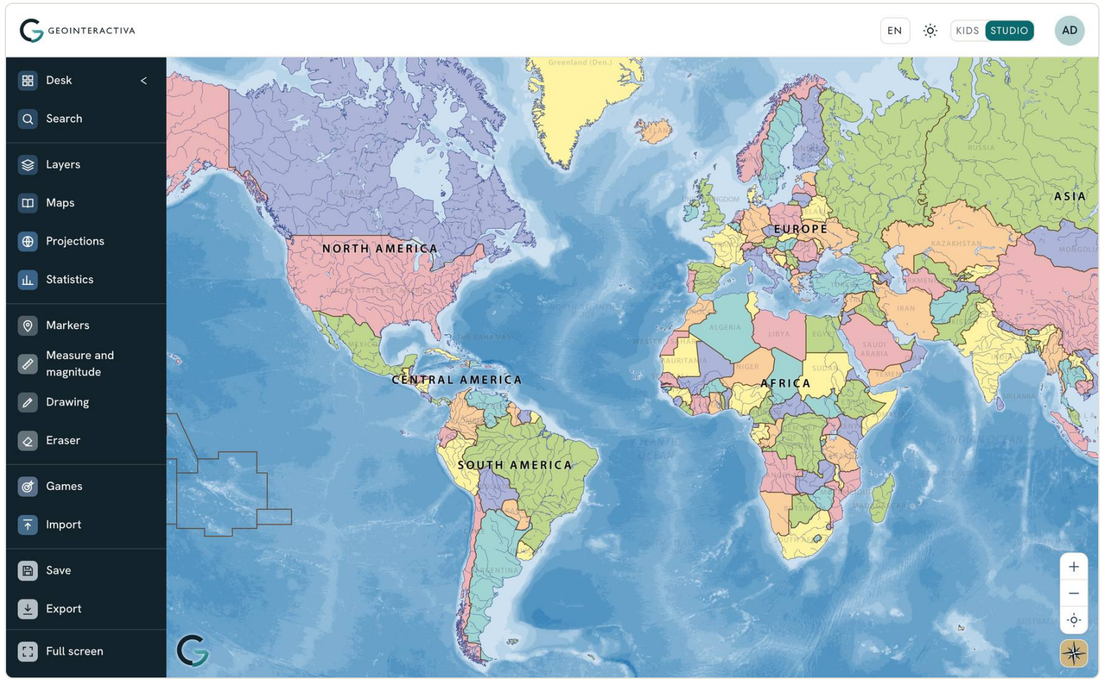
TERRITORY AND GEOGRAPHY

Layers combined to see how relief, climate or rivers help explain where people live.

DEVICES

ON THE WHITEBOARD, THE COMPUTER AND THE PHONE

Every screen is designed in two versions, one for PCs and whiteboards and one for phones and tablets, with the same content in the same order. A single web app, no downloads.



PC AND WHITEBOARD · menu expanded



PHONE AND TABLET

WHITEBOARDS AND TABLETS

65 to 86 inch touch panels with a pen; large touch areas. The main use in class.

COMPUTERS

Windows, ChromeOS, macOS and education Linux, in Chrome, Edge, Firefox and Safari.

PHONES

Android and iOS: teachers outside the classroom and students at home.

DISTRIBUTORS

FOR DISTRIBUTORS: LICENSES THAT TRACK THEMSELVES

The distributor has its own professional panel: it delivers licenses with a code or by invitation, within its quota, and follows each one through to renewal, instead of a spreadsheet.

GEOINTERACTIVA → DISTRIBUTOR → SCHOOL → TEACHER → STUDENTS

01
TO DELIVER

02
DELIVERED OR INVITED

03
IN USE

04
DUE FOR RENEWAL

05
EXPIRED OR CANCELLED

DISTRIBUTOR
Its licenses and schools, with or without a code, its quota, activation, expiry and renewals.

ITS TEAM
Manager, administrators and read-only: each person with their own permissions.

INVITATION
A license without a code arrives by email and counts from the moment the teacher accepts it. No passwords in shared spreadsheets.

SUBSCRIBE TO A PLAN

A plan for every scale: from one person who wants to try it to a whole school.

DEMO

1 USER

The world map for 24 hours.

WORLD MAP

01 PERSONAL

1 USER

An individual account.

€19 a year
22 USD a year

About €1.58 · 1.83 USD a month

ALL MAPS
SAVE AND EXPORT

02 GROUP

3 USERS

Linked to one account, for students or teachers.

€39 a year
42 USD a year

About €3.25 · 3.50 USD a month

ALL MAPS
INTERACTIVE CLASSROOM
USER MANAGEMENT
SHARE AND EXPORT

03 ACADEMIC

1 TEACHER AND 30 STUDENTS

As many classes as you like, within its seats.

€198 a year
229 USD a year

About €16.50 · 19.08 USD a month

ALL MAPS
INTERACTIVE CLASSROOM
USER MANAGEMENT
SHARE AND EXPORT

04 ACADEMIC NET

TAILORED

From 100 seats, with one teacher per 30.

From €5 to €3 per seat a year

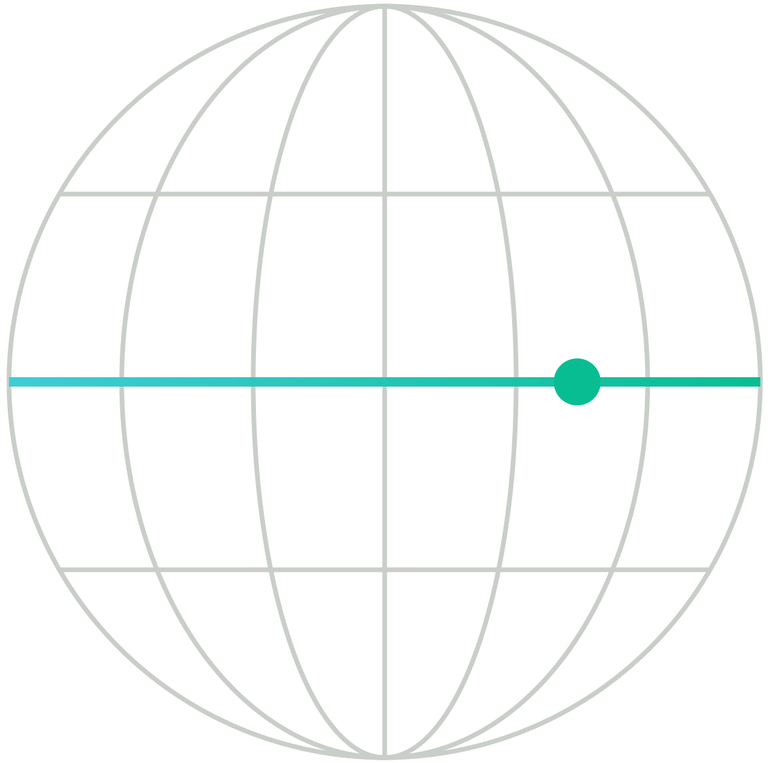
From 6 to 3.50 USD · minimum €500 · 580 USD

ALL MAPS
INTERACTIVE CLASSROOM
USER MANAGEMENT
SHARE AND EXPORT

Personal, Group, Academic and Academic Net include Resources: worksheets and video tutorials, as support and examples for teachers. The Demo doesn't include them.
Personal saves maps in the account. Interactive classroom from Group upwards; in Group, a single class.
Extra seats in Academic: €49 · 57 USD per 10 students and €59 · 69 USD per teacher.
Prices in euros and dollars, VAT not included; they may vary by country.

START
EXPLORING

GEOINTERACTIVA



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