



Colegios  
"El Valle"

# Actividades de verano 2019

Nombre y apellidos:

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Curso:

Grupo:

## 1º ESO

## Geography & History

## SUMMER ACTIVITIES. GEOGRAPHY AND HISTORY.

### UNIT 1.

1. Define:
  - Rotation
  - Revolution
  - Hemisphere
  - Projections
  - Latitude
  - Longitude
  - Parallels
  - Meridians
  
2. Indicate which three physical conditions determine the existence on Earth. Then explain how each one of them influences the existence of living creatures.
3. The Earth is in the shape of a geoid. What does it mean?
4. Make a mindmap with the different elements and layers of the Earth, with its main characteristics.
5. Use the map of time zones that you have in your notebook and think:
  - If it's 12'00 in the United Kingdom, what time should it be in Madrid, Moscow, Bangkok, New York and Tokyo?
  - It's 10 p.m. here in London. I don't know whether to phone my friend in Nairobi. Do you think it's a good idea?
6. In what country does it get darker before Spain: in those that are to the East of our country or those that are to the west? Explain your answer by indicating which elements influence this fact.
7. Use the coordinates map that you have in your notebook and find out which are the corresponding cities:
  - 52° N 0° W
  - 40° N 74° W
  - 34° S 152° E
  - 19°N 99° W
  - 0°N 74° W
  - 15° N 17° W
  - 39° N 116° E
  - 30° N 31° E
  - Why do you think almost all the coordinates are found in the Northern Hemisphere?
8. Make a scheme with the main characteristics of the conic, plane and cylindrical projection.
9. What do you think about the Mercator and Peeters projection?

## UNIT 2.

### 1. DEFINE:

- Plateaus
  - plains
  - valleys
  - Mountains
  - Peninsulas
  - Capes
  - Gulfs
  - Inlets
  - Islands
  - Continental shelves
  - Continental slopes
  - Ocean basins
  - Ocean trenches
  - ocean ridges
2. Make a scheme with the main characteristics of the land relief and waters in Spain (unit 3.1 in the book) and identify them in a map.
  3. Identify the main landforms and waters of Africa, Asia, America, Europe and Oceania. Use a map for each continent.

## UNIT 3.

1. Identify the different climates that you know in a map of Europe
2. Identify the different climates that you know in a map of Spain
3. Elaborate a mindmap of each of the different biomes that you can find in the unit 6.1 of the book. Don't forget to talk about Flora, Fauna, Human Activities and Location.
4. Use the next tables to elaborate climographs using the techniques you have learnt this year. Remember that you must calculate the Average Temperature, Annual Precipitation, Northern or Southern Hemisphere, Temperature Range... and identify the corresponding climate.

A	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	136	106	104	70	73	51	46	59	79	106	118	137
	Temperatura (°C)	6.3	6.4	7.5	9.0	11.6	14.2	16.2	16.3	15.0	12.4	8.9	7.3

B	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	45	48	43	28	17	10	4	5	12	48	51	67
	Temperatura (°C)	9.3	9.8	11.7	15.5	20.2	24.6	27.0	26.6	23.3	18.3	14.4	11.1

C	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	0.5	0.5	2	25	46	121	218	234	165	65	2	0
	Temperatura (°C)	25.1	27.8	30.2	31.6	31.4	29.1	26.8	26.1	26.6	27.7	26.5	24.8

D	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	7	4	4	2	0.5	0.5	0	0	0	1	3	5
	Temperatura (°C)	13.6	14.9	16.9	21.2	24.5	27.3	27.6	27.4	26.0	23.3	18.9	15.0

E	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	42	36	34	44	51	75	94	77	65	59	58	56
	Temperatura (°C)	-9.3	-7.7	-2.2	5.8	13.0	16.6	18.2	16.4	11.0	5.1	-1.2	-6.1

F	MEDIAS MENSUALES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	Precipitación (mm)	24	26	26	19	39	66	65	51	34	26	31	29
	Temperatura (°C)	-21.8	-17.5	-8.3	1.3	10.1	14.6	16.6	14.8	9.1	1.6	-11.8	-20.5