

ERASMUS PLUS

Wednesday 21st March 2018

« Everyday life as a result of historical events : Bytes and codes »



TOPIC Everyday life as a result of historical events

GOALS At the end of your research you should know

- **Bytes and bits :**

- ◇ what is the difference between a bit and a byte.

- [A website to understand](#)

- ◇ the origin of those words.

- [A website to understand](#)

- **Binary numbers ↔ Decimal numbers :**

- ◇ the historical origin of the binary numbers.

- [A website to understand](#)

- ◇ how binary numbers work.

- [A website to understand](#)

- ◇ how to convert a binary number to a decimal one and reciprocally.

- ◇ how to add binary numbers.

- **Units and data storage (Go, To, Po...) : [A website to understand](#)**

- ◇ what is an octet.

- ◇ what are the different data storage units (Mo, Go, ...) and the link between them.

- **Everyday life codes**

- ◇ what are the UPC, ISBN, credit cards codes...

- [A website to understand](#)

- ◇ what is a check digit (how to compute them on simple examples)

- [A website to understand](#)

- **Codes and Alan Turing :**

- ◇ who is Alan Turing.

- [A website to understand](#)

- ◇ what did he do during the second WW2.

- [A website to understand](#)

FINAL PRODUCT

A written text or notes in which you put together the information you got.

We will need your notes on Friday ⇒ make sure you bring them.

Make sure you address all the points in « GOALS ».