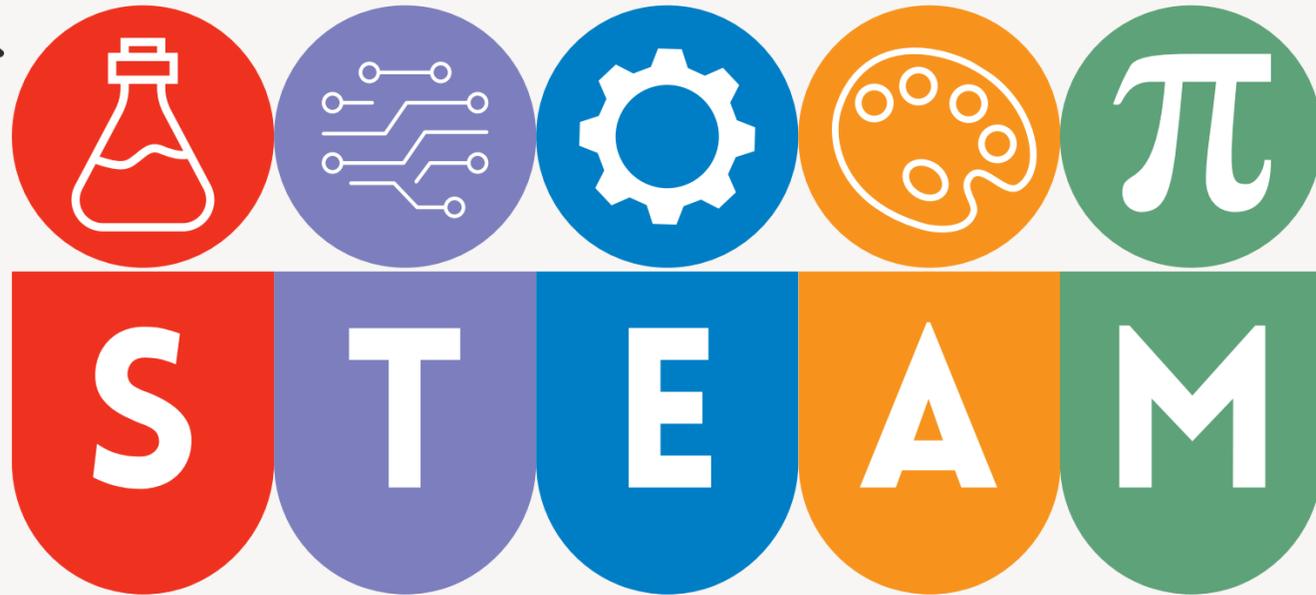
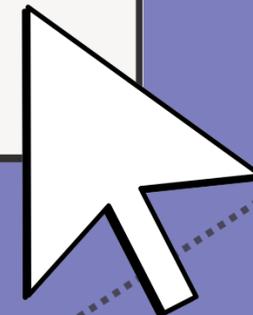
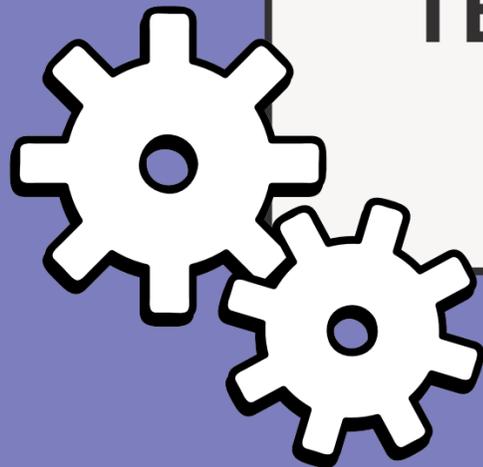


CLIL



**TECHNOLOGY: Analysis of a
Common Object**



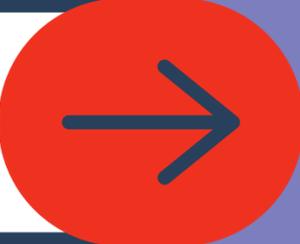
A technical analysis of a common object allows us to explore and understand how it works, its components, and the scientific principles that enable its operation. It helps to gain a deeper understanding of everyday items and develop analytical and research skills, which are valuable both in academic and professional contexts, as well as in daily life.

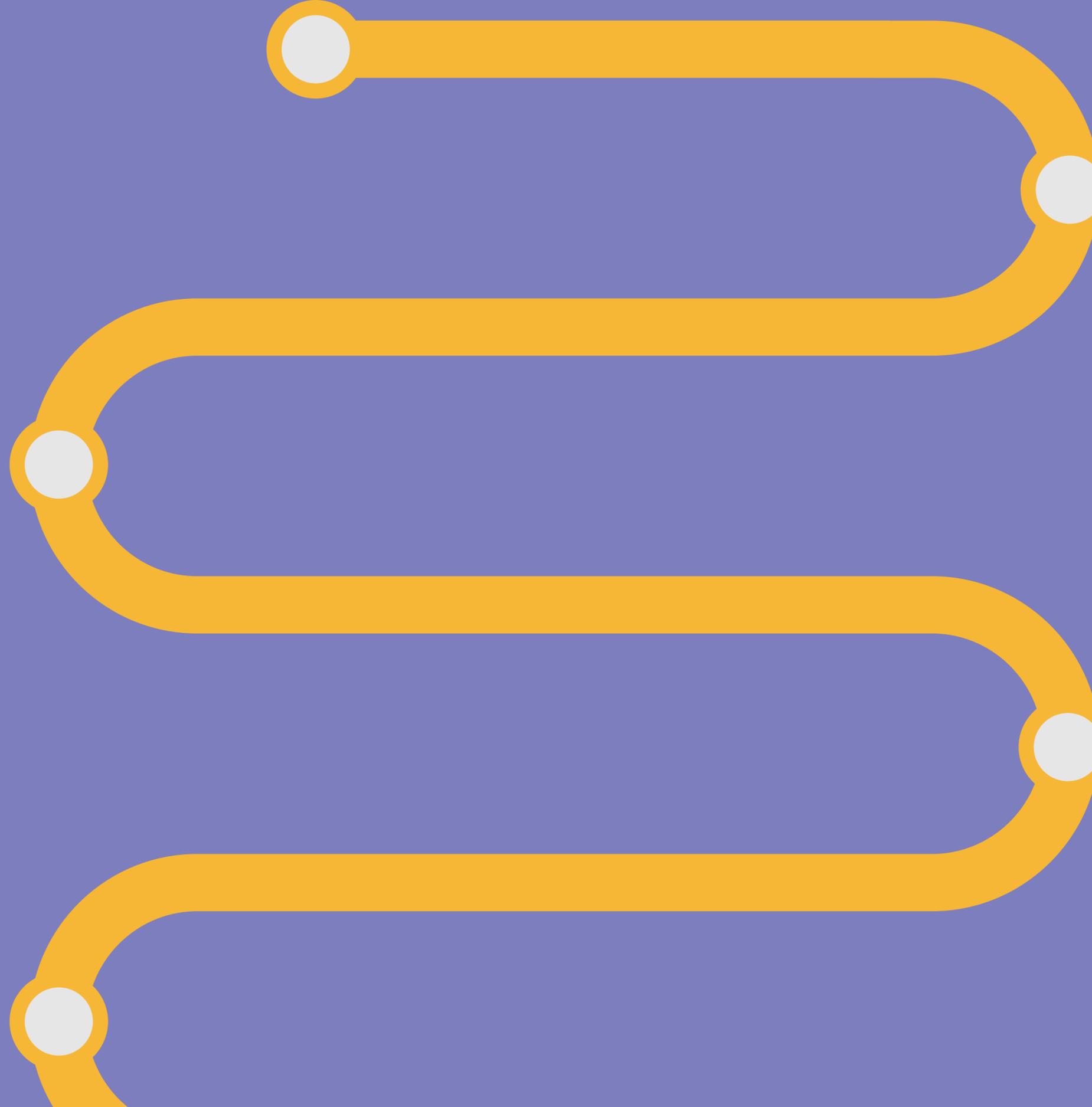


Choose a common object (such as a watch, mobile phone, pen, pencil sharpener, etc.) and carry out the technical analysis following the guidelines. To gather information about the chosen object, use reliable resources such as educational websites, online encyclopaedias, and instructional videos.



Steps for the Technical Analysis of an Object

Swipe 





1

PRELIMINARY OBSERVATION

Examine the object carefully. Describe its external features, shape, colour, dimensions, materials, and so on.

2

IDENTIFICATION OF FUNCTION

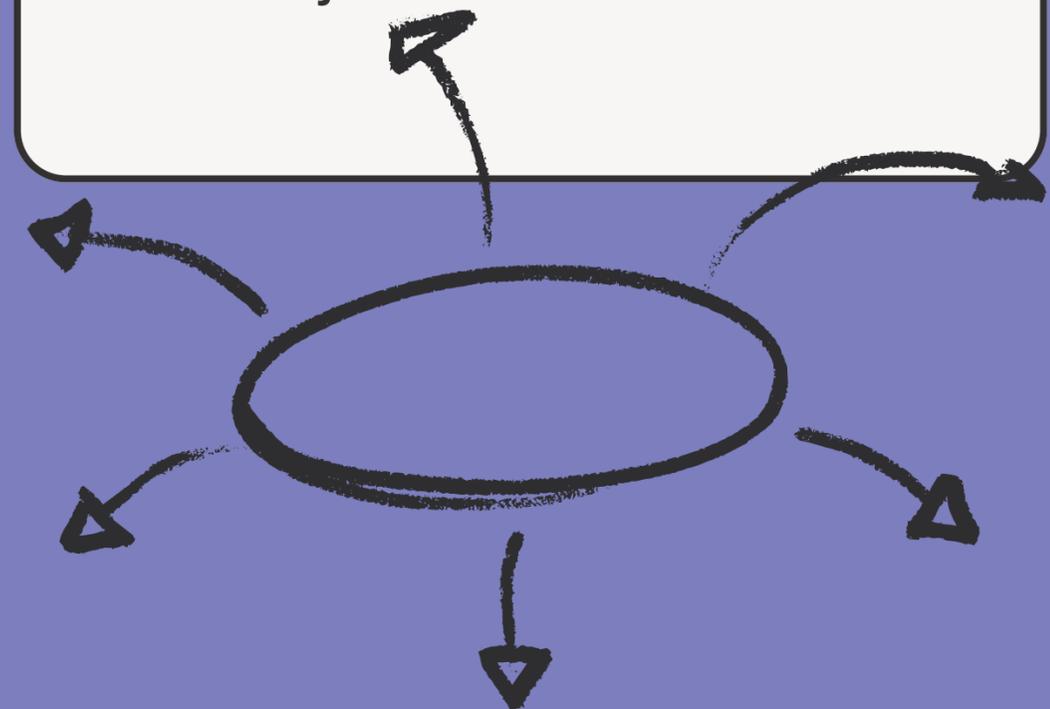
Define the main purpose of the object. What does it do? Why do people use it?

WHAT?
WHY?

3

ANALYSIS OF COMPONENTS

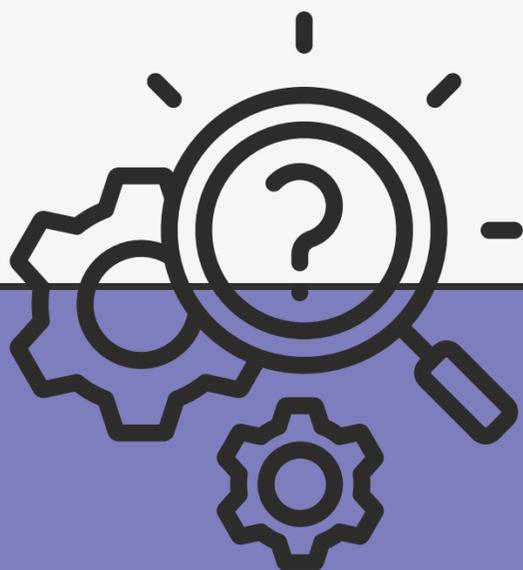
Identify and list the main visible components of the object. If possible, consult manuals or online resources to better understand the internal parts. Create a drawing of the object.



4

DESCRIPTION OF FUNCTIONALITY

Try to understand how the object operates. What scientific or mechanical principles enable the object to perform its function? This may require additional research.



5

ANALYSIS OF DESIGN

Reflect on the design of the object. Why was it designed this way? How does the design contribute to the object's functionality or aesthetics?



6

EVALUATION OF USABILITY

Consider how easy or intuitive the object is to use. Are there design elements that enhance or detract from the user experience?



7

EXPLORATION OF POSSIBLE IMPROVEMENTS

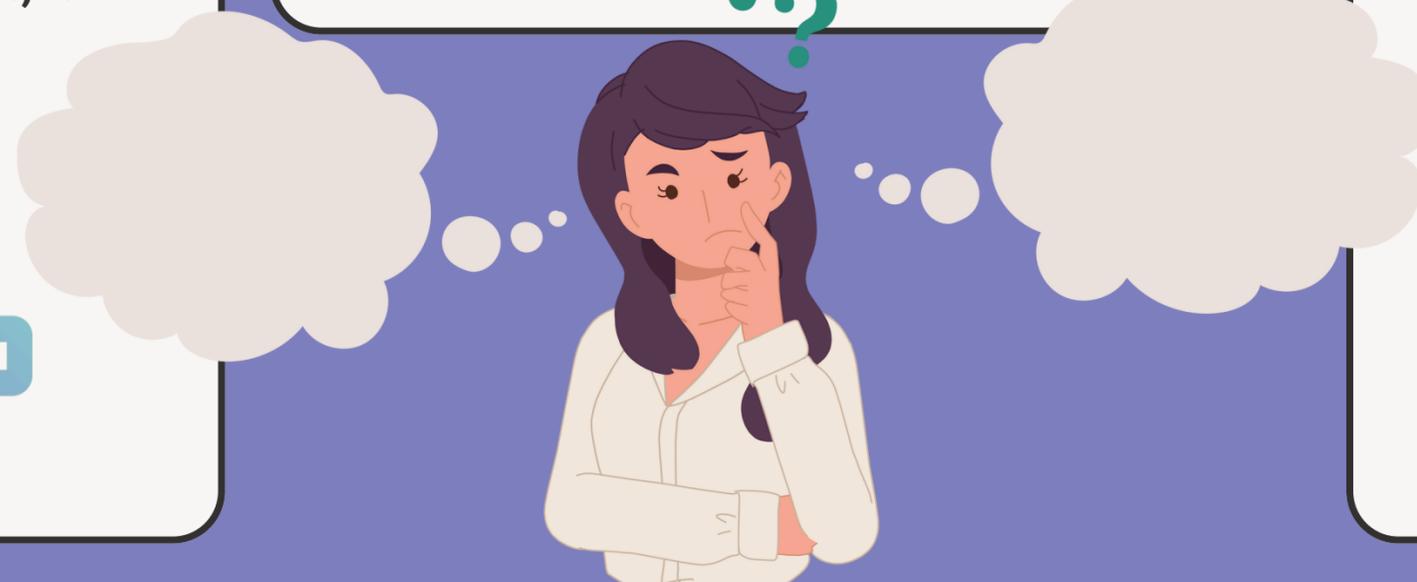
Consider potential improvements. Are there ways to make the object **more effective, efficient**, or enjoyable to use?



8

COMPARISON WITH SIMILAR OBJECTS

Compare the object with others that serve similar functions, both old and modern. What are the advantages and disadvantages of each?



9

PRESENTATION OF ANALYSIS RESULTS

Prepare a brief written (or multimedia) **presentation summarising your analysis**, including observations, findings, and suggestions for improvement.

