**COMPLEMENTARY SUPPORT ACTIVITIES WORKSHOP**

**LEVELING PROCESS**

**Subject:** Technology and informatics **Course**: 8º **Year:** 2024 - 2025

**Student’s name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Students who at the end of the school year have obtained a low performance evaluation in two (2) areas of the curriculum and have attended at least 75% of the academic activities, may be promoted with the programming of complementary support activities, which will be presented in a scheduled session and previously informed before the beginning of the following school year and will have as a maximum term for their recovery the first academic period of the same.*

**General Observations:**

Develop the workshop corresponding to the area in which he/she presented academic weaknesses, as shown in the final report given to the guardian at the end of the school year.

**Presentation:**

The workshop must be presented by hand, completely filled out with APA Standards and submitted on Friday, January 17th, where the student will give an account of his/her knowledge and competencies.

**PROBLEMATIZING QUESTIONS**

* How are ICT and computer sciences generating a range of technological possibilities that are transforming the productive world?
* What is the advantage of creating multimedia content to socialize information of academic interest?
* In what ways do the tools of information and communication technologies facilitate the creation, presentation and socialization of entrepreneurial projects?
* How can I create an audiovisual production for a video documentary on a topic of general interest?
* How can programming help develop complex logical thinking and problem solving?

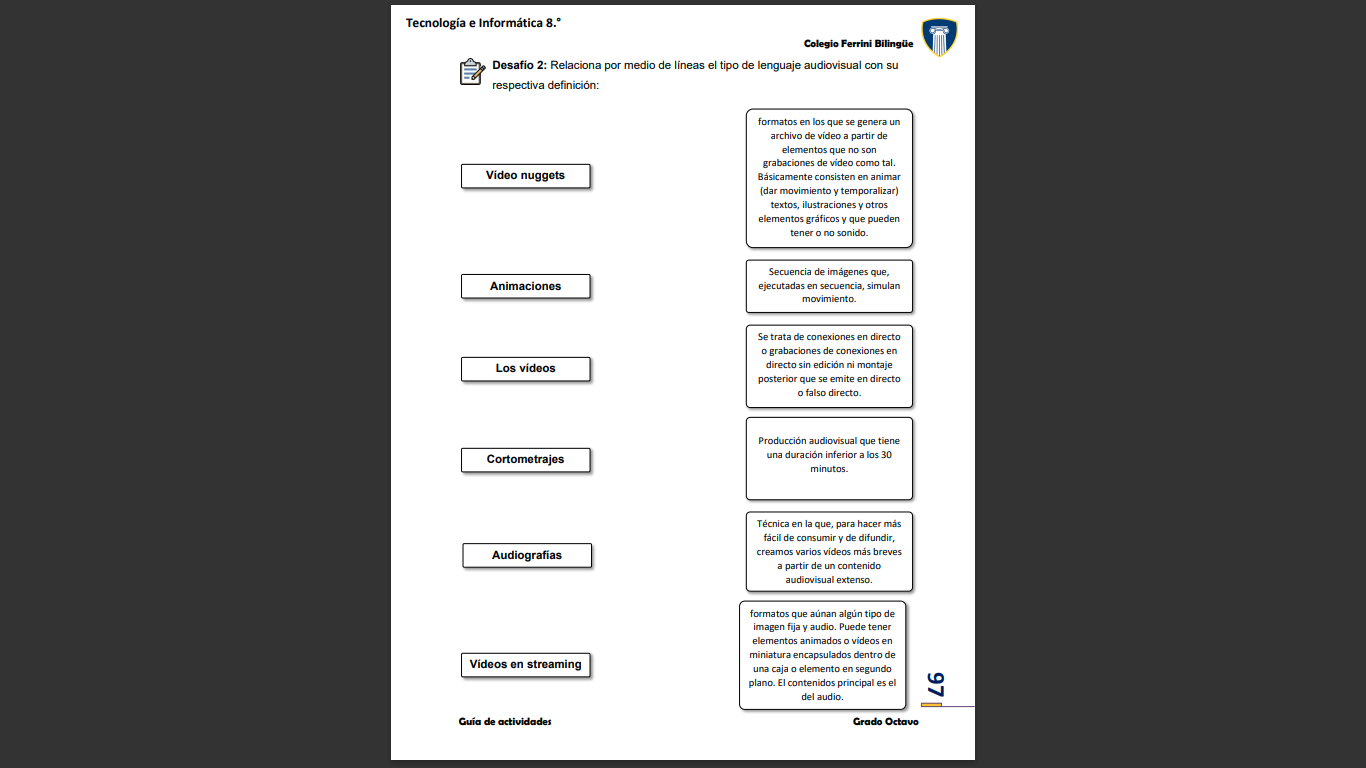
**ACTIVITIES:**

The development of the following activities must be presented in a text document, structured under APA standards:

1. Define the importance of ICT in education and make a synoptic map explaining E-Learning; E-Learning; M-Learning; U-Learning.
2. Make a timeline in which you explain the development of the industrial revolution.
3. Design and complete the following table:

| **Extension** | **Format Type** | **Features** | **Example** |
| --- | --- | --- | --- |
| GIF |  |  |  |
| PNG |  |  |  |
| JPG |  |  |  |
| ICO |  |  |  |

1. Use the cell phone and take a picture, then edit and organize it in high quality, then explain what the steps to apply the editing were.
2. Relate by means of lines the type of audiovisual language with its respective definition:



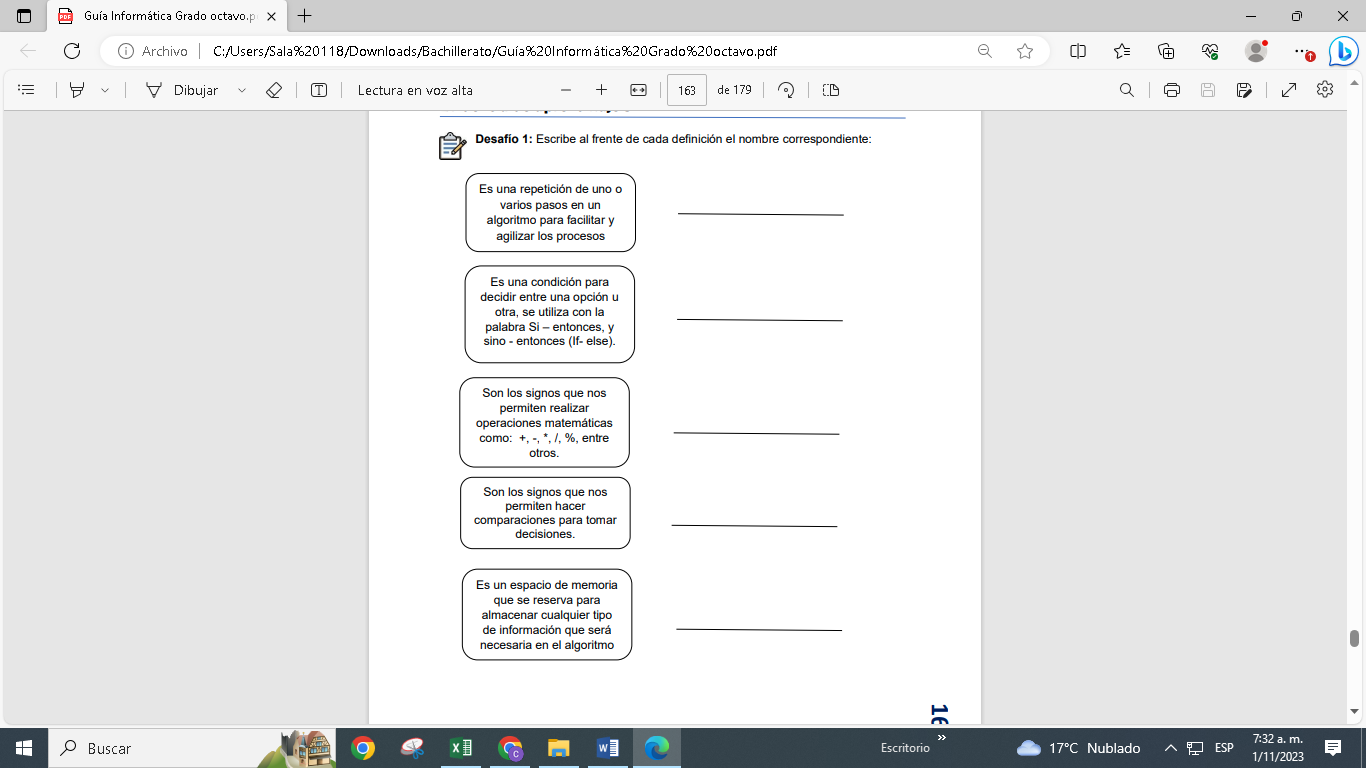
1. In video editing programs, what is the function of the following elements:

* Photogram
* Multimedia Elements
* Transitions
* Effects
* Cut
* Sound Resource
* Script

1. Find and watch a documentary related to technology, then develop the following points.

* Name of the Documentary
* Indicate who was its creator
* Explain why it caught your attention
* Describe what the documentary is about
* Indicate the positive and negative aspects of the topic.
* Explain if a research project can be established from the video and define what could be the research question, the objective of the research and the title of the research.

1. Explain what research is and what its phases are.
2. Write in front of each definition the correct block name



1. Make an algorithm in which you get the diameter of a circle, using flowchart and pseudocode.