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**COMPLEMENTARY SUPPORT ACTIVITIES WORKSHOP**

**LEVELING PROCESS**

**Subject:** Technology and informatics **Course**: 6º **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:**

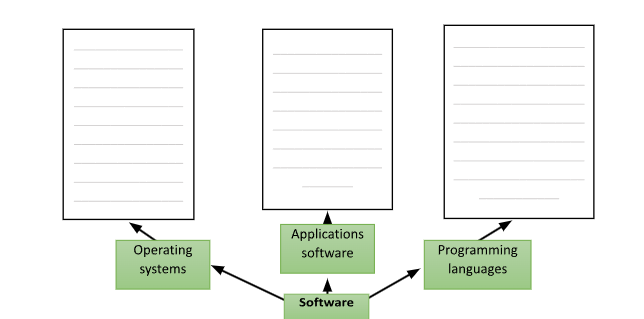
The workshop must be presented by hand, completely filled out with APA Standards and submitted on Friday, January 17th, where the student will give an account of his/her knowledge and competencies.

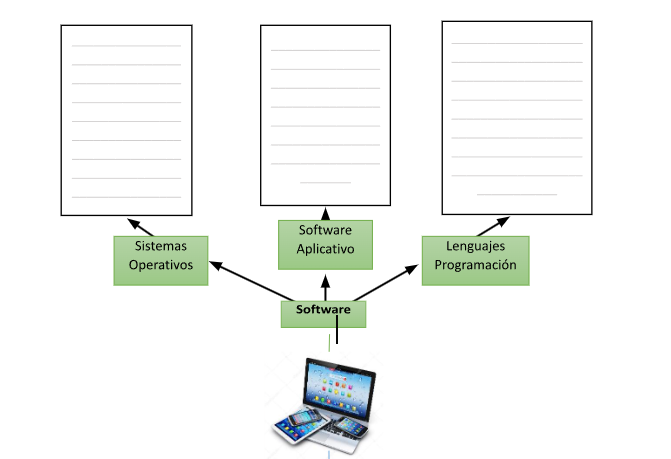
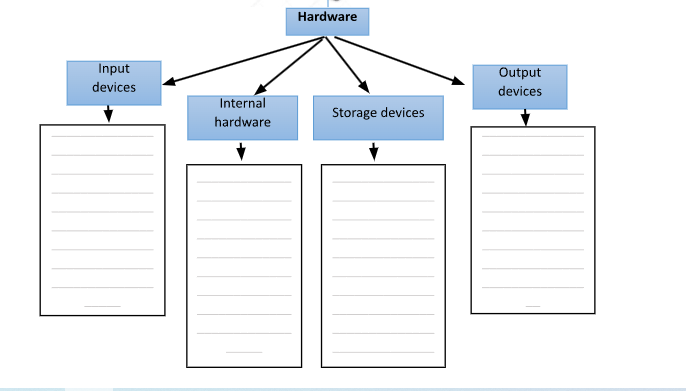
**PROBLEMATIZING QUESTIONS**

1. How can knowledge of the components of an electronic device help me to use it optimally?
2. How to use information and communication technology tools to access, manage, create and share content easily?
3. In what ways do the tools of information and communication technologies facilitate the creation, presentation and socialization of entrepreneurship projects?
4. How can spreadsheets and programming help enhance my logical thinking?
5. How to identify IT hazards in an agile way and implement prevention strategies?

**ACTIVITIES:**

**1**. According to the computer components and their classifications, complete the mind map with the corresponding devices:

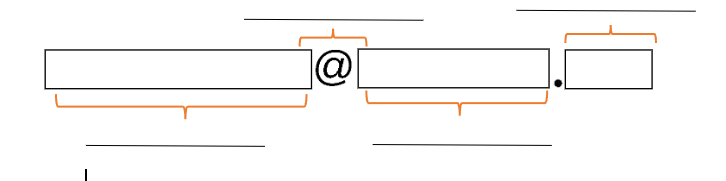




2**.** Describe and draw how computer networks are classified according to their size or geographical extension.

3. What is the main difference between a web browser and a search engine?

4. Write your e-mail and identify each of the parts that compose it:



**5.** According to the concepts seen about the APA format, complete the following information:

- Sheet size:

- Page Margin:

- Line Spacing:

- Indentation:

- Font accepted by APA standards:

- Location page number:

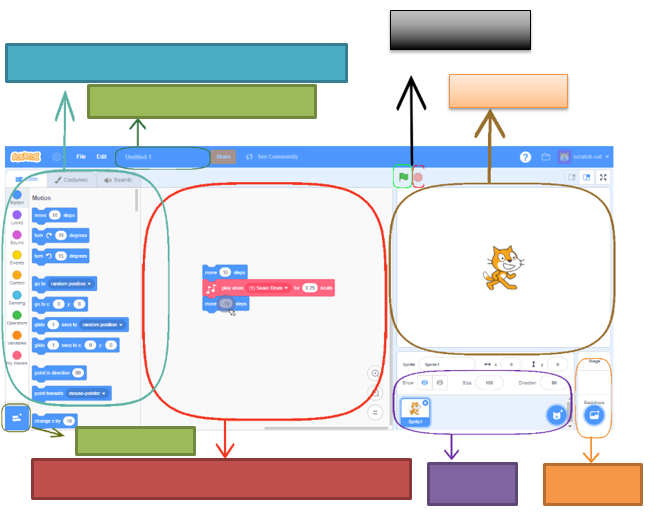
- Format of the main headings (Title 1)

- Format of subtitles (Title 2):

6. Name and explain the elements that a micro-entrepreneurship must have.

7. Draw and describe the basic functions of the different blocks in Scratch (Motion, looks, sound, events, control, sensing, operators, variables).

8. Name the elements of the Scratch interface.



9. Make a comparative chart describing the differences and similarities of a mind map and a concept map.

10. Create a concept map explaining the concept of computer viruses, their types and prevention methods.

**REMARKS:**

* The work must be elaborated exclusively by the student, in a clear and legible handwriting.
* The workshop must be completed in its entirety and must be handed on a letter size paper.
* The student must thoroughly review the content of the workshop and prepare for the presentation on the date and time indicated. For the presentation, the student must bring the necessary materials (paper, pencil, eraser, colors, etc.).

**IMPORTANT**: The overall presentation of the work, including aesthetics and organization, will be evaluated as part of the overall criteria. All work produced must be authored by the student; any plagiarism is grounds for cancellation of the work.

**The following links may be useful in the development of this academic leveling.**

1.APA format: <https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/index.html>

2. Computer devices: <https://www.collegesidekick.com/study-guides/informationliteracy/computer-devices>

3. Area networks: <https://www.bbc.co.uk/bitesize/guides/zvspfcw/revision/2>

4. Area networks: <https://www.geeksforgeeks.org/types-of-area-networks-lan-man-and-wan/>

5. Search engine: <https://www.getguru.com/reference/what-is-a-search-engine-definition>

6. Web browser: <https://www.techopedia.com/definition/288/web-browser>

7. Email: <https://erecruit.unaids.org/public/doc_email.htm>

8. Entrepreneurship: <https://limelightmarketing.com/brand-strategy-mission-vision-values-brand-personality/>

9. Scratch: <https://www.geeksforgeeks.org/scratch-tutorial/b>

10. Organization tools: <https://www.zenflowchart.com/guides/concept-map-vs-mind-map>

11. computer viruses: <https://www.cisa.gov/news-events/news/virus-basics>