**COMPLEMENTARY SUPPORT ACTIVITIES WORKSHOP**

**LEVELING PROCESS**

**Subject:** Technology and informatics **Course**: 10º **Year:** 2023 - 2024

**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:**

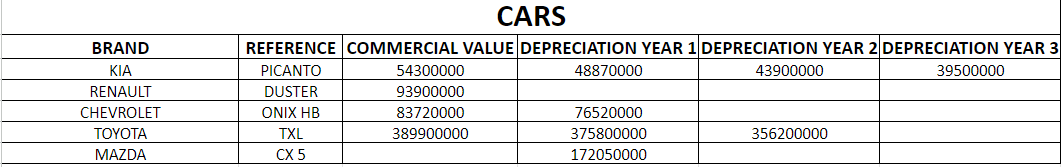
The workshop must be presented and sustained on Friday, January 12, 2024 at 7:00 am, where the student will give an account of his/her knowledge and competencies.

**PROBLEMATIZING QUESTIONS**

1. How does knowing how to interpret graphs, records and mathematical models applied to spreadsheets contribute to my life?
2. How to develop business plans through ICT tools and manage your administrative processes?
3. How to apply ICT tools to analyze the feasibility of a business idea and create a corporate image?
4. How to use programming to develop solutions according to the needs presented?
5. How to create applications through object-oriented programming?

**ACTIVITIES:**

1. Based on the following table, solve the proposed questions:



* The depreciation of the Renault Duster car is 11% each year. Calculate the values and fill in the table
* The depreciation of the Chevrolet Onix is 14% in the second year and 16% in the third year. Calculate the values
* The depreciation of the TXL, per year, is 18% of the first year's value. Calculate this value
* If the depreciation of the Mazda CX5 is 10% of the value of the car, what is its cost? Also calculate the depreciation for the other years (12%).
* What is the total depreciation of the Duster?
* What is the total depreciation of the Kia Picanto?

1. What are the 10 most common chart types in Excel? Mention them with examples
2. Answer the following questions based on the information you know and find on the Internet (in your own words)
   1. What is a company?
   2. What is the main objective of a company?
   3. What are the elements that make up a company? Give examples of each
   4. Mention four (4) types of companies with their respective examples (In Colombia)
3. Define what a business plan is and how it can be used
4. Choose a Colombian company, inquire about it and answer:
   1. What are their products or services?
   2. What are their core competencies?
   3. What is the message they want to convey?
   4. Do you consider that their corporate image is in line with their products or services?
   5. How has the company's expansion process been?
5. Create a social media campaign for each of these companies:
   1. Coca Cola
   2. Universal Studios
   3. Disney

1. Define what Big Data means and design an infographic about ten important aspects about it.
2. Design a time- line about the fourth revolution with ten important dates.
3. Why is important to make a good marketing strategy?
4. What are the principal aspects to take into account when a person builds a marketing strategy?