

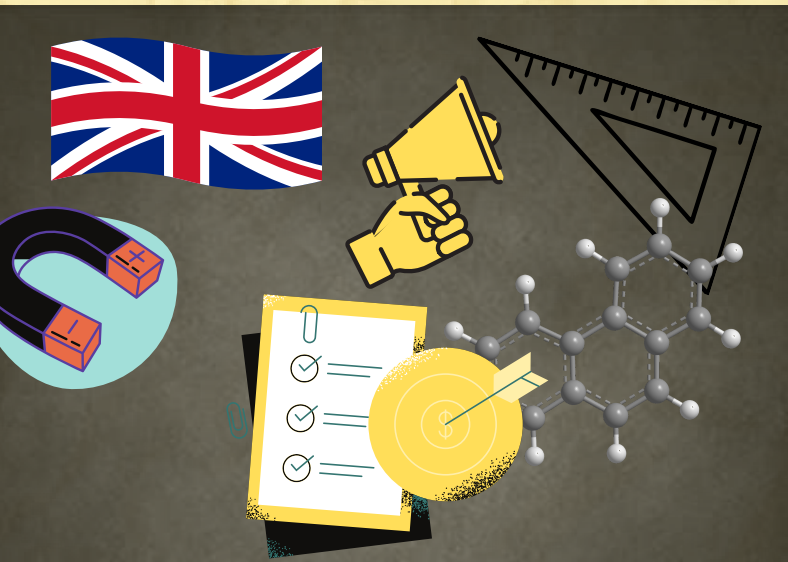
# Memorable times

AUGUST 2021

BOGOTÁ, COLOMBIA

WEDNESDAY, 18

THE LATEST AND AMAZING NEWS ABOUT STEAM PROJECT 2021



## WHAT IS THE STEAM PROJECT

The STEAM project comes from the acronym,, Science, Technology, Engineering and Mathematics and unites these four main areas of knowledge to work on skills and competencies in students. The STEAM project proposes that students understand from these four areas, elements for solving everyday problems, research and acquire new essential knowledge.

Science will help in the inquiry and investigation of phenomena and situations.

Technology and engineering will facilitate the exercise and the ability to devise and implement artifacts and prototypes, materializing what they have learned.

Finally, the arts will be the great component of the expression of all sciences.

To start you have to do the STEAM project the professors explained we should done in all the project, In addition to telling us that they were going to work hand in hand with the SENA Project, for which we had to put in each matter what the company develops in accounting management, giving us as a purpose a set of tools that have served us over time to go completing all the STEAM.



# The mechanics of the project

writing by. Gabriela Posada

The way of doing a project at school has evolved, each time the ways of working on projects are obtained and the development process of each subject is more fun. Today we will talk more about the work that has been done in English, and how it has helped us to carry out the STEAM project as such. To begin, we will clarify that the professor recommended working in conjunction with the SENA project which has been working since the previous year, that is why we was given possibility to make a podcast with the Gaes by professor, never before had we done a process like this , this is why a recording application was offered to us by a recommended website which helped us with our audios and music, even the program even suggests putting music on since it allows you to develop that function .

The process put into effect in the school had a great impact on our project, since we learned about the importance of the environment to be able to add them to our company thanks to the help we received by the school, to which we responded with a Project sustainable that could generate jobs and that besides to this protects nature, generating environmental awareness and good treatment between the environment and society, That is why the English teacher invited us to do a new program with a new modality that was more interesting and up-to-date for our times.

About the activities carried out, we will also talk a little about what we have been doing in the STEAM project, for instance whenThe professors advised us to what we should do in each subject and how we could develop it, concluding with developing a free project, but it had to do with important phenomena today, consolidating our critical thinking, good development of an investigation and concepts that could lead to a specific situation, The projects were guided by the teachers so that the students learned new things and thus they would be very well developed.



# The steam project learning journey

writing by: Juliana Chacón

We started this process from the implementation of the STEAM project, something very new for all of us, but little by little, we were able to adapt and get to know its methodology. We started from the creation of a company from SENA, where 7 groups of 3, 4 and even 5 students each were created, we started the whole process of creation, the documents that the company should have, accounting, and more activities and workshops in which we acquired various knowledge throughout these 2 years. Then, we started with our research projects and implemented something never seen before in the school, we would use the STEAM project in our company and our project, but how would this be done? Indications were given to us, we had to implement the subjects of science, technology, art and mathematics (even others) to these projects we were doing.



With the STEAM project, we started making videos about what our company is about, making commercials and advertising our products and why they should choose us, this process was very enriching and fun, we were able to explore more skills and talents. Not only we did this, No sir! we also started with podcast programs, the first of them, was about doing an interview with the members of the company, to know a little more in depth, the origin of each one of them, their objectives, their mission, their vision, why they should be chosen, what products they offer, among much more excellent information about each company. Podcast were uploaded by the English teacher and the community manager of our school, so, whoever entered the official website of the school could spend time listening to our podcasts.



FIRST PODCAST: THE BEGINNING  
SECOND PODCAST: INTERVIEW  
THIRD PODCAST: USING PARTICIPLE  
CLAUSES

Up to 3 podcasts were made by us, the students of grade 11, our classmates of grade 10 also made amazing podcasts! and we are sure, it was a (little tedious) great experience and learning in our process. Through the STEAM project, we were able to recognize several factors applicable to our projects and that would help us to make these projects have a better path. Learnings and knowledge were given to us and we got to know more tools to continue with our projects. To date, the implementation of the STEAM project in our learning process has been interesting, stressful and fun, but we would like to thank all those who have given us a hand and accompanied us on this path.

# Social impact of the steam project

writing by: Laura Camila Cruz Pinzón



Throughout this year the students of the Margarita Bosco school have worked on a project carried out with the SENA institution, where, having formed groups of 4 students, they carry out the simulation of a real company. APAMAJU S.A.S is one of those projects, in which they are dedicated to the sale of essences with the aim of reducing the stress of people caused by the activities of daily life. As part of the realization of their project they have carried out an interview with a child, an adolescent and an old man, the questions asked were: Do you think essences are useful for reducing stress? Would you buy essences? What impact do you think that Does it have the use of essences in society ?, to which people responded the following:

Child: at my young age I do not consider that stress affects me much, however, having seen how my parents are affected by it and when there is a good aroma at home their mood changes significantly, I think that the feeling of motivation and pleasure can be given by essences making them important and meaningful in people's lives

Adolescent: finished a long day and having come home after an arduous day of study, when I feel the fresh aroma of my room caused by my perfume I feel really relaxed, for me the essences are really useful and contribute favorably to health of people, therefore if I would buy essences it would be a good investment in myself.

Elderly man: Tired of a few days working in the carpentry, in my youth when I lived with my parents it was really calming to feel the scent of flowers, it helped me to relieve fatigue, as well as I met people who thought the same, therefore I think that buying essences is a good expense to spend on myself



alamy stock photo

# Steam project and pollution in Bogota



writing by: Paula Alejandra Gualdrón

The NGO Greenpeace, in charge of evaluating and working for the environment worldwide, having questioned the inefficiency of air quality monitoring in Bogotá and highlighted that the pollution levels registered in the capital exceed the parameters established by the Organization World Health Organization (WHO), warned that 80% of the pollution present in the city is mainly due to the particulate material emitted by mobile sources such as buses, trucks or vehicles. In turn, the suspension of particulate matter such as dust or gases and substances emitted by industries and commercial activities contribute 20% to make the air in Bogotá harmful.

At the Margarita Bosco school, an advanced and updated prototype of a captive meteorological balloon worked and studied by a group of students, which easily allows the measurement and collection of data that will be saved in a program that collects the data created by them. The balloon will take into account the measurement of temperature, humidity, atmospheric pressure, radiation, among other parameters such as sudden or extreme climate changes in some cases trying to choose and visualize these affects. During the project they have been investigating about many of the pollutants that are produced daily in the city, this taking into account their vertical profiles, such as the variation in the concentration of ozone and other pollutants at different heights, they have also taken into account parameters meteorological conditions such as wind speed, temperature, relative humidity and pressure. These profiles of the atmosphere were useful to study the way in which pollution behaves in the city of Bogotá, giving space to propose strategies against air pollution, in addition, the students expect the prevention and reduction of the rate of respiratory diseases such as They are asthma, acute bronchitis and in turn we take care of the planet.

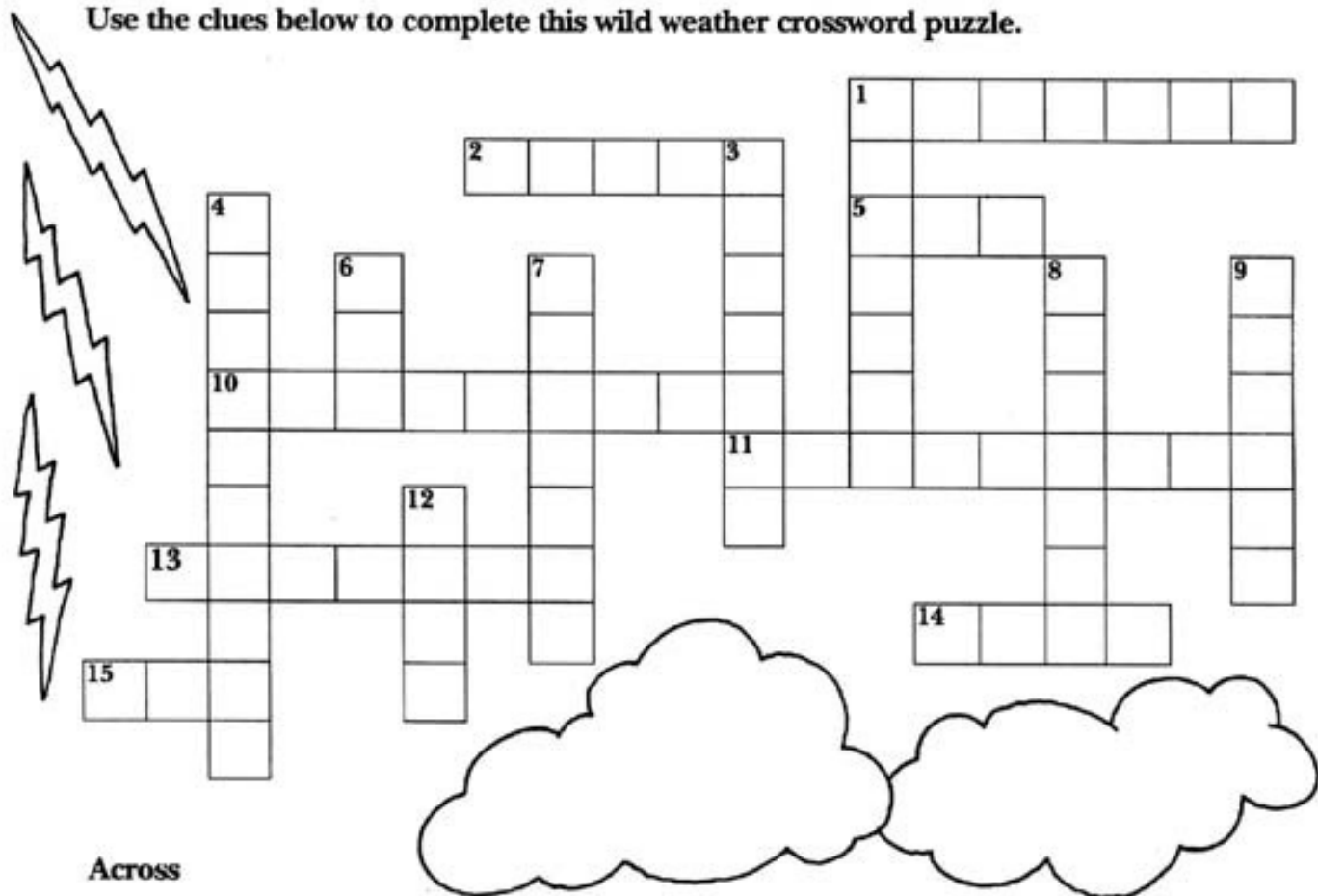
# ENTERTAINMENT

## THE PROCESS



# CROSSWORD

Use the clues below to complete this wild weather crossword puzzle.



## Across

1. A hurricane that forms in the Pacific Ocean
2. A mass of tiny drops of water in the sky
3. A result of little or no rain
4. These lumps of ice can be as big as baseballs
5. Water that freezes on the ground in a storm
6. A cloud at ground level
7. The wind that blows over the Indian Ocean and Southeast Asia
8. When this erupts it can change the weather all over the world
9. Dust devils usually start here
10. The bright flash of light during a thunderstorm
11. A huge storm that forms over the ocean
12. Water drops that fall to earth
13. A violent storm with swirling, funnel-shaped winds
14. Frozen water vapor that falls to earth as flakes
15. The center of a hurricane

# Letter's soup

o c h i m n e y s o n t o l r t i n a z  
i n t l a o t n a l s r n s i e a r t u  
s w r a p p i n g p a p e r c s l d j t  
a s d f j a n e t i l a p r e s e n t s  
r t j d o b o x l t o c i t n l n r o l  
o r n a m e n t e n p e n s n s a l e c  
o n t s u l l a s o a s e c o w n a s h  
e n o s l l i g h t s s c l n o s w n r  
n r a t l s o a s n e w o e n m n e i i  
a y f l r d n t l o a c n e s i o n z s  
b l a s n a s d l n n c e l c f l a z t  
o h u c o a l b l u n x i e a o s n a m  
w n l a t i n t o s i d c i r c o n e a  
n a l n t i j n o s i e n t f k e n f s  
s o r d s l a k e g l o v e s f n s l t  
o n e l r e c h r i s t m a s c a r d r  
o e n e t l j f s f r o e m o n d f e e  
j a s d f a s d f t m o e n t t i n a e  
h m i t t e n s e n z s e n c t e a s o  
a e l s o n t l s l s r i b b o n n e l

chimney  
ornament  
bells  
box  
bow

present  
christmas tree  
gift  
christmas card  
lights

ribbon  
scarf  
mittens  
wrapping paper  
gloves