

REVISTA

# El colegio de liga

*“Siempre competitivos a través del mejoramiento continuo”*





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REVISTA  
**EL COLEGIO DE LIGA**

N° 003 – junio 2017 – Ecuador

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## *English as the common language of the future.*

**F**rom the 11th to the 19th century, the Spanish, Venetian, Byzantine and Turkish traders in the Mediterranean developed a common language called Mediterranean Lingua Franca. The prosperity of the region during several centuries was linked to the practicality of this language. For example, without knowledge of any local language, a Venetian trader could buy fine tapestries from a Turkish provider; move them across the sea to the hands of a Muslim Spanish buyer, who in turn will sell it to a rich nobleman in North Africa. The trade and prosperity of a multitude of nations was made possible by a simple common language, the lingua franca.

During all human history, many linguas francas arose in multiple locations around the globe. Aramaic, Greek, Latin, Arabic, Chinese Mandarin, Persian, Spanish, Portuguese were each, at a certain time, the language of the civilized world. In Roman times, for example, there was no concept of classical education without knowledge of Greek. The Roman citizen who was ignorant of Latin and some Greek could not be called a real Roman citizen.

In our time, the English language is without a doubt the common language of the world. More than 400 million people speak English as their native tongue, and total of 1.6 billion people speak English to a certain degree. This means 1 out of every 5 human beings speak English. Furthermore, English is the common language in the realms of business, media, science and technology. The official language of almost every major corporation or international organization worldwide is English. Most of high impact scientific research, international diplomacy and business transactions are performed using the language. Even the recent spectacular growth of the Chinese economy has not affect the dominant position of the English language. As in Roman times, it seems English education and proficiency is not only a necessity for professional competency, but a requirement to become a real citizen of our globalized world. English is our lingua franca.



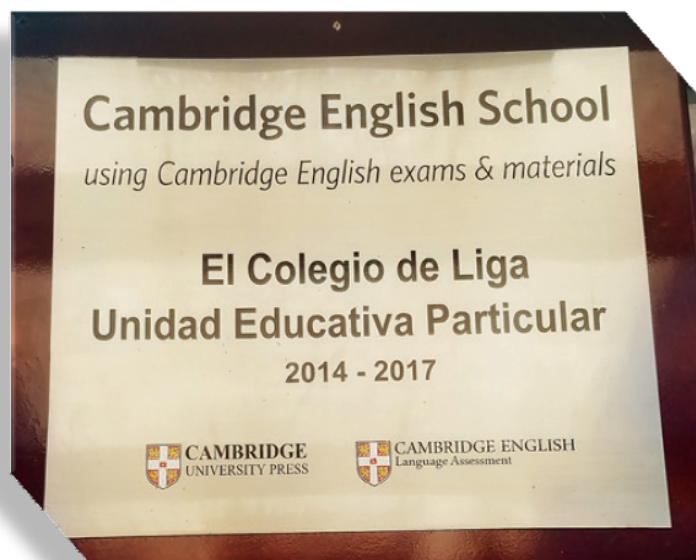
**Adriana Perhavec**  
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## *A better way of learning*

Becoming a prestigious Cambridge High School has been very challenging but not impossible. Everything started in 2014 when El Colegio de Liga established an agreement with Cambridge University to improve our English learning skills.

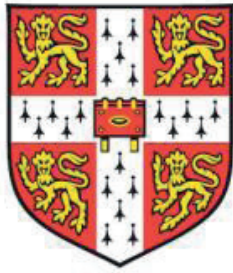


UNIVERSITY OF  
CAMBRIDGE



*Cambridge agreement  
2014-2017*

Ever since then, our school has been working on expanding the students' knowledge and interest on the importance of learning a second language. This starts since they are in the lower grades until they graduate from high school obtaining a final certification that will benefit them when they go to college and when they travel all around the world.



# UNIVERSITY OF CAMBRIDGE

As the world becomes more globalized it is only natural that people will want and need to communicate more when they travel. Right now, everyone is trying to learn and communicate with English because it is the common language that people from different countries and cultures can use to communicate with one another.

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This is why our school has been working on increasing the number of students obtaining a certificate. We are very happy to say that our former students have applied to great schools internationally and nationwide.



*Cambridge agreenebt  
2018-2021*

“Whatever the cost of our libraries, the price is cheap compared to that of an ignorant nation.”

## *Cambridge Agreement 2018-2021*





**ON THE**  
**WRITE**  
**TRACK**

## Free writing

### There are many ways to help the Earth.

First, we can save energy. People should turn off their lights and computers if these are not in use. Also, we can leave our cars at home and take a bus or walk. We can avoid wasting water by taking short showers. We all have to protect trees, we can do this by using both sides of a paper. We all need to do our best to save the Earth .

**Sabina Gamboa**  
6° “A”



### Why is it important to do sports?



Hi, my name is Fabricio and I'm here to let you know the importance of doing sports. These activities are very important for a healthy life. When you do sports, you get more energy and you live longer. My favorite sport is soccer. When I practice it with my friends, I feel free and have lots of fun. We share great moments while doing something we love.

**Fabricio Ruiz**  
7 “B”

## My School, My Home



My school is a great place to be in. We have trees, plants ...But most important of all; we have great teachers. El Colegio de Liga has happy students because we love art, music, reading and sports.

Also, my school is very big. It has comfortable places to be in. We are treated equally and enjoy studying at this school!

There is no place like my school!

**Emilio Cedeño**

**6 "A"**

## Saving our planet

In order to save our planet, we must save energy and use more natural resources. We must not throw garbage in the streets because we are contaminating our planet and our environment. We should plant more trees, use less cars and more bicycles instead. Let's become more civilized humans and take care of our beautiful Earth.

**Mathias Rodriguez**

**6B**



## Should Everyone Speak English?

Even though English is the most spoken language, I think that not everyone should speak English.

There are also more interesting languages like Russian, (which I'm learning), Chinese , Arabic , Korean , Japanese , Greek , etc.

Not everyone can afford English classes, and if people learn by themselves (like I'm doing with Russian) they will be more focused on learning the language than on their responsibilities and their homework.

In my opinion, people should learn the language that they want to.



**Luziana Garcés,**  
7 “A”

## Junk Food for You

Junk food has a lot of fat, and this is bad for you. Eating it in excess is not healthy, but it is delicious. Junk food does not have vitamins; it has fat instead. It does not help your health . This has cooking oil in excess, which is reused; that means saturated fat containing some toxins. Fat affects your body. The more fat you eat, the slower your digestion is. Junk food does not help your health, but if you eat it not so often, it won't affect you.



**María Guallasamín**  
7 “A”

### The day I stopped being afraid of water

My mom always said that Saturdays are the best days to go to the beach, so we made a trip with my family. I wasn't sure if I wanted to go, so I told my father I preferred to stay home. But my father said it was dangerous. After all, I had no other option but to go. Once we arrived to the beach the only thing I could do was to watch my family having fun because I have always been afraid of getting inside water. Suddenly, while they were having lots of fun, I decided to go all the way and dive in the water. I was really excited because it was not so bad after all. This is a day that I will always remember.



**Isabela Moraes**  
6° "A"

Vale Colimba



*Vale Colimba*  
2 "B"

## Children Should Start Learning English Before the Age of Five

We currently live in a globalized world, where it is very important to speak English. If we learn this language at early ages, we will be guaranteeing a better future.

A child under the age of five can learn a second language and speak it as a native; additionally, speaking English will allow you to easily navigate anywhere in the world.

On the other hand, learning English at a young age, develops in children several benefits that will have an impact in a very positive way. Some of these are greater cognitive development, better problem solving skills, a more flexible and creative mind, faster problem solving skills and mental speed, better concentration and more selective attention.

Finally, I consider that speaking English, nowadays, is a great need. That's why I support the idea that children should start learning English before they are five years old.



### Romina Estrella 7“A”



*Paula Tufi*  
2 “B”



## Panda



The panda is an omnivorous animal of the Ursidae family. Its scientific name is *Ailuropoda melanoleuca*. Despite being an omnivores animal, the panda is mainly aherbivorous that feeds on 99% of 30 species of bamboo cane and also adds rodents and deer musk poops. The panda eats between 12 to 38 Kg of bamboo every day. There are two types of panda: the red panda and the giant panda (color black and white), but there have been cases in which the giant panda is brown. An example is Qizai, the fifth brown panda. The panda can live up to 15 years, but there are some who have lived longer and they can weigh from 70 to 125 kg.

**Karl Medina**

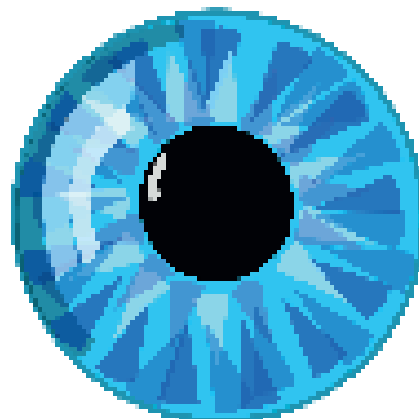
**7 "A"**

HIS EYES

A hiding secret in his look  
whispering more than can be seen.  
Invites you to take risk with him,  
Feeling the wildness in your veins.

His eyes shine a lot  
like lighthouse illuminates the course,  
causing jealousy on the moon.

His eyes, hotter than the sun,  
intimidates anyone who sees them.  
Even the fire wants to learn  
to burn like he does.



**Nicole Raza Cueva**

**3 B.G.U "A"**

## Fifa World Cup 2018

In June, 2018 the Fifa World Cup is going to take place in Russia. It has 5 stages, round of 16, round of 8, semifinals, and the final match. Thirty two countries will participate in this cup, such as Germany, Argentina, Egypt, and Panama among others. The World Cup will be played throughout Russia. The most famous Stadiums are the St. Petersburg Stadium, Ekaterinburg Arena and Kaliningrad stadium. It is very interesting to watch Famous soccer players in the Fifa World Cup.



**Nicolás Belmonte**

7 "A"

## THE STARS

Witnesses of the humanity,  
are majestic celestial bodies  
who dance at the nightfall,  
listening the heart's wishes.

Nor the darkest fog  
could hide  
the beauty of the stars.  
Are consolations for the nocturnal souls,  
so far, so bright  
burning in the night sky  
draining its light until it goes out.

**Nicole Raza Cueva**

3 B.G.U "A"

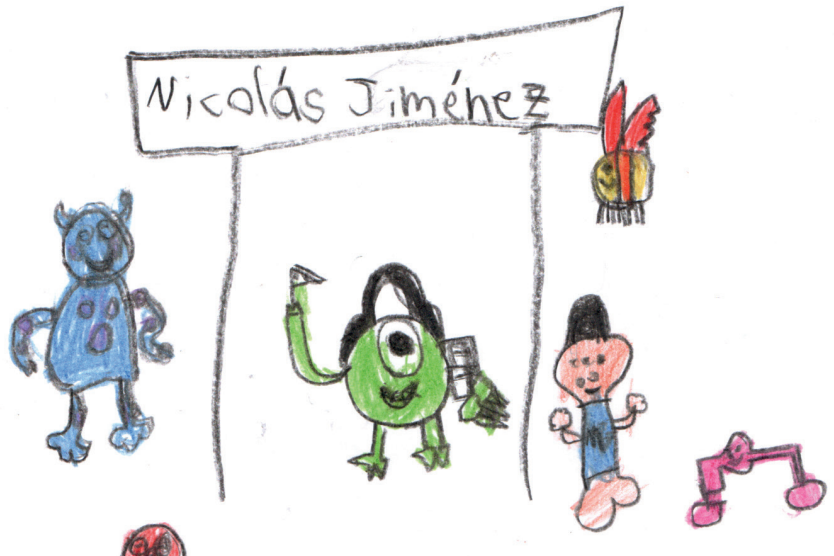




Camilo Jaramillo  
2 "B"



Nicolás Jiménez  
2 "B"



# Science and Technology





**H**ave you ever thought about the possible future you see in movies on where you can modify or engineer the DNA of a person and become immortal or healthy forever? That utopic future where you do not have to fear cancer or Alzheimer? Well then, let me tell you that future is closer than you would initially think.

A possibly revolutionary new technology has been discovered to alter or modify human genes. This technology is called CRISPR/Cas9 or Clustered Regularly Interspaced Short Palindromic Repeats. I know, it sounds amazingly difficult to understand, but truth is that it is just a simplified version of the human immunologic

system. CRISPR is a family of DNA sequences found in bacteria.

The sequences contain snippets of DNA from viruses that have attacked the bacterium; much like the antibodies our body creates to fight previously cured infections.

These snippets are used by the bacterium to detect and destroy DNA from similar viruses during subsequent attacks. These sequences play a key role in a bacterial defense system, and form the basis of this technology. Using this innate bacterial system of defense, we can “input” a damaged or imperfect gene, and with a little bit of micromanaging the bacteria’s environment, the “output” gene is fixed.

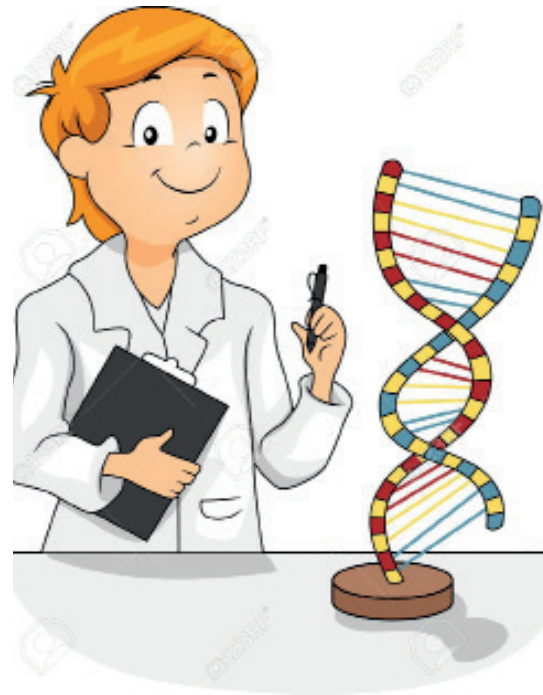


What CRISPR/Cas9 is able to do has never been observed before in nature, and before this was discovered back in 2007, it could only be presumed or imagined.

It can effectively and specifically change genes within organisms, and can be programmed to target specific stretches of genetic code, and to edit DNA at precise locations; as well as for other purposes, such as for new diagnostic tools and testing environment.

Research also suggests that in an effort to treat genetic disease, CRISPR/Cas9 can be used to target and modify “typos” or errors in the three-billion-letter sequence of the human genome that occur when DNA duplicates itself.

Discoveries like this happening at the same time we are alive means that there is a possibility that everything we thought was just science fiction or impossible, may, in a few generations become very real. This presents a challenge for us young people, giving us the chance to introduce ourselves in uncharted territory and possibly, change the flow of history forever.



## GravityLight Project

**M**ore than 1.2 billion people worldwide do not have access to electricity and millions more have an unreliable supply. Instead, they use dangerous, pollutant and expensive kerosene lamps for light. GravityLight is an innovative device that provides instant light and feeds a chain of up to 4 'SatLights' (another innovative project) that can be distributed throughout the house. Simultaneously you can feed a radio. You do not need batteries or sunlight, as it is powered by lifting weights. It transforms the attraction of gravity into electricity, providing instantaneous energy with the lifting of a weight, for example, a bag of rocks or sand, creating 20 minutes of light in its descent. It is moved by a polymer gear train, a toothed belt, which

is fixed to the roof. This gear train passes through the dynamo box with a push grip on one end and 12 kilos of weight on the other. Once pushed up, the weight slowly descends, moving through the dynamo and providing electricity that is fed to the LED lamps. This provides a clean, safe and affordable alternative to kerosene lamps, which is universal and can be used throughout the year.

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*Daniela Terán*

9 "B"

## DID YOU KNOW THAT?



Finger prints are found on the fingertip of each finger and contains various grooves that form valleys and ridges unrepeated, which make them unique to each person. They are formed on the sixth week of gestation and do not change even if they suffer a burn because they regenerate forming the same original drawing. Fingerprints are used as a way to identify people.

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**Katheryn Guillén**  
10 “B”

## DID YOU KNOW THAT?

The blue and yellow macaw is a member of the large group of South American parrots. They are known thanks to their attractive colors. A cute fact about them is that when they choose a couple, they fall in love forever. They eat , take care, fly, sleep ,reproduce and also die together . Their love lasts forever.

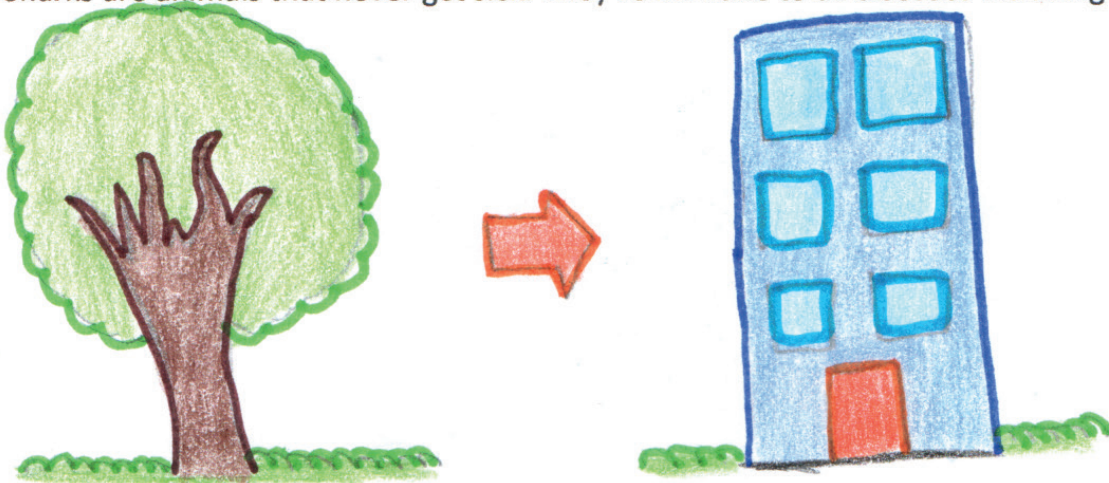


## DID YOU KNOW THAT?

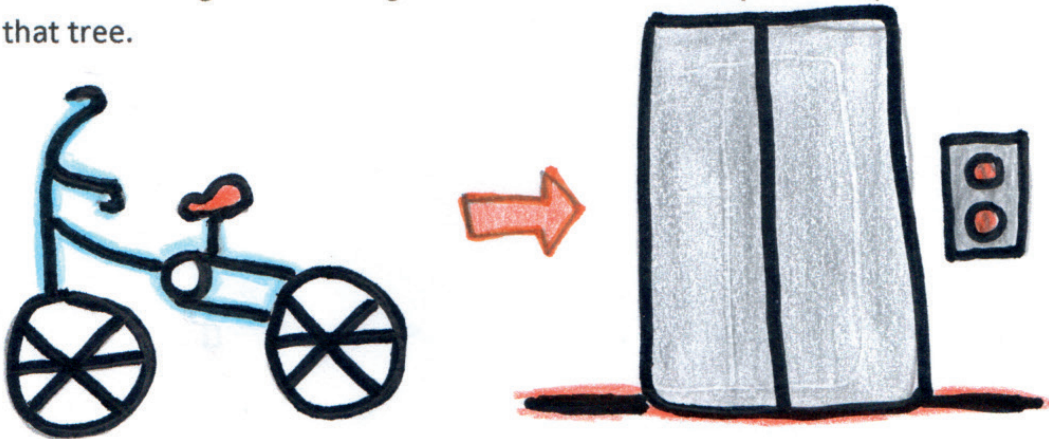
Did you know that...?



Sharks are animals that never get sick. They're immune to all diseases including cancer.



The largest tree of all time was an Australian eucalyptus in the interior of Tasmanian forest. In 1872 it registered a height of 132 the famous sequoia sempervirens is smaller than that tree.



The most dangerous mode of transportation is the bicycle. And the safest way to transport is elevator.

*Mateo López*

10 "B"

# DID YOU KNOW?



FACT #8

THE ORCA IS NICKNAMED KILLER WHALE BECAUSE GENE SIMMONS FROM KISS WON THE RIGHTS TO NICKNAME THE ANIMAL AT A WORLD WILDLIFE CHARITY AUCTION.



#REALTRUESCIENCEFACTS

# AMAZING FACTS

## TO BLOW YOUR MIND



# DID YOU KNOW?



FACT #7

MALE ZEBRAS ARE ALL BLACK WITH THE WHITE STRIPES ON TOP, AND FEMALES ARE ALL WHITE WITH THE BLACK STRIPES ON TOP.



#REALTRUESCIENCEFACTS

# DID YOU KNOW?



FACT #25

DUCKS ARE UNABLE TO WALK BACKWARDS BECAUSE THEIR KNEE BENDS IN THE OPPOSITE DIRECTION AS HUMANS.



# DID YOU KNOW?



FACT #93

PREGNANT WOMEN CAN AVOID MORNING SICKNESS BY ADJUSTING THEIR SLEEP SCHEDULE TO WAKE UP AFTER NOON.



#REALTRUESCIENCEFACTS

# DID YOU KNOW?



FACT #5

195,736 IS THE ONLY EVEN NUMBER NOT DIVISIBLE BY 2.



#REALTRUESCIENCEFACTS

*“Land for girls, boys and teens for a better environment”*



**Tierra de niñas, niños y jóvenes para el buen vivir**



*Making  
a better  
world for us*

In Ecuador TiNi was adopted with the support of the UNESCO office in Quito as part of the environmental program "La Casa de Todos" (The House of Everyone) of the Ministry of Education.

The program was inaugurated in September, 2017. The Ministry adopted the TiNi methodology called "Land of children and young people to live well", to "promote, engage and strengthen environmental awareness in the educational community and culture".



It is expected to make the TiNi a space for teaching and learning which integrates several subjects such as language and literature, mathematics, social studies, natural science, Cultural and artistic education, physical education, English, as well as the school projects. The Ministry launched the first space TiNi - sized 3 by 15 meters - on September 22, 2017 in Guayaquil, at the educational Millennium unit ‘Ileana Espinel’, with the presence of the Minister of Education and other authorities. They showed the students the introductory guide to the TiNi methodology.

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At the inauguration , Minister Fander Falconí said, “From today began not only a new subject, but a new adventure. We are going to study ‘La Casa de Todos’. This piece of land is the land of children and young people for good living. From today, you’re going to be the super guardians of the planet. Now you’re going to take care of a piece of land that is also a piece of our planet”.



# STUDENT OPINIONS



# Clean Up the World

## Our Place... Our Planet... Our Responsibility

**We get all of these from the planet on which we live.**

Walking in our environment we breathe oxygen from the air.

We get water from the rain that fills our lakes, rivers and creeks which we store this water in dams, reservoirs and water tanks.

We get food from plants, animals, fish, and birds.

We get shelter from earth and from plants to build out homes

We get warmth from our beautiful Sun that gives us life.

*Five basic needs of human beings taken from the environment are oxygen, water, food, shelter and warmth.*

# *How do you take care of the environment and the water as an important resource that we have?*



One of the main actions to help the environment is recycling, and collaborating all in our school using trash bins properly . I also try to plant little trees and flowers in my yard.

**José David Cilio**

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I always recycle in my school. I encourage my classmates to pick up the garbage in the green areas. To do not waste water I think that we will help ourselves putting water dispensers and promoting a campaign to teach how to prevent from wasting water.

**Abigail Galeano**

I like taking care of my yard, planting trees and recycling in all possible places. I think it is wrong to harm the environment. It affects our animals and our own existence. I would like to promote a campaign to save water and avoid having water shortness in the future.



### **Martina Porras**



To take care of the environment I help picking up garbage that I see around our school and not throwing it everywhere. To avoid water contamination we should not throw factory toxic wastes into water.



### **Juan Sebastián Gómez**





## Quito Tennis and Golf Club



In January 2018, these students represented our prestigious High School

**Carolina Minda:** Champion: singles 14 years old.  
Finalist: doubles 14 years old.

**Fernando Arguello:** Champion: doubles 18 years old.

**Diego Moreno:** Finalist: doubles 16 years old.

**Josueh Paredes:** Finalist: doubles 16 years old

**Nicolás Rocha:** Semifinalist BD



# ICE SKATING



We are honoured to congratulate Miss Domenica Ortega. She participated in the Third South American Ice Skating Championship. This event was held in Quito where our gifted student won the third place competing against students from different places of South America.



# Best moments of our Sports Day



# Best Readers

2° A Joaquín Proaño

2° B Arón Yépez

3° A Julián Altamirano

3° B José Antonio Riera

4° A Gabriel Sandoval

4° B Nathalia Vaquero

5° A Emilio Ruíz

5° B Gabriela Montenegro

6° B Felipe Saavedra

6° B Matías Rodríguez  
Romina Arellano

7° A Luziana Garcés

Juan Daniel Puente

7° B Nicolás Santillán

Giuliana Cepeda

8° A Ariana Placencia

8° B Mateo Ramón

Verena Montoya

9° A Mateo Iglesias

9° B Martina Porras

Abigail Galeano

9° C Juan Sebastián Gómez

Valeria Salgado

10° A Gael Ávalos

10° B Esteban Herrera

10° C Doménica Montúfar

1°BGU A Kenneth Peñaherrera

1°BGU B Inahí Reyes

1°BGU C Andrea Arcos

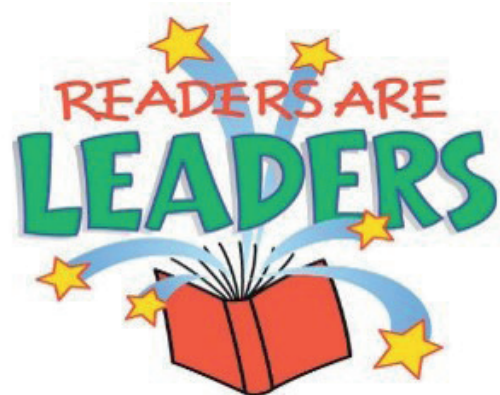
2°BGU A Martín Aráuz

2°BGU B Catalina Serrano

3°BGU A Jorge Estupiñán

Dahena Míguez

3°BGU B Carlos Gómez



# Best Writers

2° A Joaquín Proaño

2° B Arón Yépez

3° A Julián Altamirano

3° B José Antonio Riera

4° A Mateo Alvarado

4° B Zoe Ortiz

5° A Zoe Ortiz

5° B Gabriela Montenegro

6° A Isabela Moraes

6° B Mathías Rodríguez

7° A María Guallasamín

7° B Fabricio Ruíz

Thais Guijarro

8° A Mateo Ruano

8° B Martín Bonilla

9° A Guillermo Benavides

9° B Daniela Terán

9° C Adrián Ruiz

10° A Nahomy Sánchez

10° B Juan José Arauz

10° C Ana Paula Díaz

1°BGU A Aixa Alulema

1°BGU B Antonella Plasencia

1°BGU C Melany Cedeño

2°BGU A Martín Aráuz

Micaela Montúfar

2°BGU B Paula Recalde

3°BGU A Carlos Vivero

3°BGU B Michelle Serrano



# World Reading Day



On the 24th of November we gave a big importance to reading by bringing the best stories of all time to come alive. On this sunny day we started off with a flashmob given by the students of the fifth, sixth and seventh grades in our school. It was such an amazing experience to see them all dressed up as spotted dogs representing the story of the 101 Dalmatians.

All the school took part in this magnificent event that brought parents, teachers and students from different ages to collaborate in making a magical day.



The younger students from nursery and similar grades made a "pajama party" in which they read all day.



Our second graders performed the story of the "Three Little Pigs", giving a warm welcome to parents, teachers and other students. The play made us realize the importance of reading for children.



Third graders worked on a story called “The Old Tree”. This story was very emotional because they wanted to relate it to real life experiences we know today such as “Bullying”. During this story the students gave us a good feedback.



Our fourth graders related a story about King Solomon. An interesting story that taught us to solve problems and to think equally.




Elvira Ordóñez has been working in our school as an art teacher for 19 years. She is pleased to be part of this beautiful school. Something that she says is that she loves her students and always gives her best to be able to take the best out of all her students from their souls and spirits through art.

**We have seen all your hard work during all these years. What can you say your passion is?**

I love art. I have studied other things.

I am an economist and a pedagogue, but I have always said that I'm an economist by profession and a teacher by vocation. I have been teaching since I was a child, and that is my passion.

**How can you motivate all your students?**

I think by giving them freedom to express themselves; I mean, sometimes I sacrifice techniques in order to make them express their feelings and opinions.

**Many students are trying to join your Art Club. How do you manage to work with so many students?**

Well, that's hard to tell. It was easier for me when I had two or three days a week because I used to work with kids of all ages, but I think that I have reached a balance between kids and teenagers. There's a 'giving' and 'receiving' between them; they support each other by making groups and working on different techniques.

**Knowing you for a very long time makes me want to appreciate art a little more. What does 'Art' mean to you?**

I deeply love music; that is my first love, but then come plastic arts. I think art it's very important in human life because art works in different 'worlds'; physical 'world', on your own 'world', and on the others' 'world'. When you paint you give part of your life, your essence; that picture reaches other people, and soon that work doesn't belong just to you, but also to the people that see and feel it.

**What technique do you think you use the most?**

On materials I use watercolors, but here we usually work with color pencils, charcoal, latex, oil on canvas, and on tridimensional techniques clay. We combine our techniques, and the kids guide themselves with that.

**Could you mention some students that you have inspired the vision of the arts?**

That's a difficult question. Everyone on their own way loves art. Second graders of Senior High School work without my help. Maria Paula Arias, an eight grader, gives a singular passion on her paintings. She works pretty hard and does everything on her own. She's my helper now. I even tell my students to ask her for any advice or help.





Autopista Manuel Córdova  
Galarza Km.11,(Vía Mitad del Mundo) junto al Country Club LDU(02)  
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