

# GAZZETTE **BAC**

## Editorial

"The stickiness factor says that there are specific ways of making a contagious message memorable; so memorable that it sticks in someone's mind and compels them to action". This is how Malcolm Gladwell describes the "stickiness factor" in his book *The Tipping Point*.

I feel the urge to explore the meaning of the "stickiness factor". Is it the element of originality? Or maybe it is the element of ingenuity? I believe it is neither one of them. Rather, it is the element that makes people happy and reminds them of the essence of their existence at every instant.

What actually makes a "contagious memory memorable"? What makes an experience "tip" to become a memory, so as not to be forgotten? For this, there are many factors... First and most important of all; the element of happiness should be there. People can forget many things, but they cannot easily forget moments when they felt their hearts jumping with joy. Also, for certain memories to be cherished there should be a group of people supporting and believing in the strength and importance of these memories. Finally, time. Time is needed to make every event memorable; if you celebrate an event for a single year only and do not make it an annual tradition, it could be easily forgotten. For example, mother's day; an occasion we celebrate yearly in order to bring joy to the most important women in our lives, our mothers.

Let us think now about Easter. Everyone is familiar with Easter. To some, it is a time to color eggs and enjoy chocolate egg treasure hunts; we bring smiles to the faces of children when we tell them to find the hidden chocolate eggs! But the true meaning of Easter resides in that it symbolizes resurrection and new life; it symbolizes hope in life; it symbolizes the huge love God has to us and the ability to conquer over death. With these, there is a tremendous happiness celebrated at Easter through ages.

Now that you know about the "stickiness factor", and you know how to make an event tip into becoming worldwide, what is next? What can you do about it? Will you just sit there, follow an event, or will you have enough courage and conviction to create something of your own? It is your choice; chose carefully.

Alexander Sakha - Grade 10

## Message of the principal

Dear parents, learners and colleagues

We, as grownups, carry the responsibility of raising up the youth and educating them to be the men and women of the future. We put tremendous efforts to develop fully their skills so that in their turn they will work to improve the quality of life. We adopt several methods of instruction to teach them and expose them to the different situations, we may know of, in the hope that they will create change in their society. Parents try to provide them with the best luxury within their reach and teachers present them with vast knowledge and technologically assisted classes. All this is good but what makes it better is to deal with them as individuals and to respect the uniqueness of each one of them and help them discover it.

While carrying out this responsibility many questions are to be posed.

Are we taking care of their bodies, minds, and souls and teaching them how in their turn can take care of them? Developing these three elements equally will result in a well-balanced human being able to enjoy God's grace and be thankful to HIM.

Are we coaching them when going through problems? Being there for them is more effective than giving them instructions on how to solve these problems.

Do we show them love in what we do with them? It is our duty to grant them unconditional love so that in their turn will know how to love.

Do they trust us? We must impart them to do so, for if they do not we cannot tutor them. To be trust worthy we must have vision, provide guidance, adopt a positive attitude, live what we preach and be solid in our stand.

Do we teach them how to appreciate God's creation and respect it? God has granted each one of us many blessings; nurturing them away from greed and envy will help us live in dignity.

Are we in our actions displaying to them role models? Our actions indicate us and the essence is to educate by example and not by empty words.

God has modeled humbleness and forgiveness in his teachings for us to follow. He has made a huge sacrifice for our sake in order to free us from the slavery of sin. He has endured the pain of death to grant us eternal life.

We, as educators, must provide a positive role model for our learners to identify with, reach their freedom and appreciate its joy. Our mission is not easy and is full of challenges but with the virtue of patience, the shrewdness of wisdom and the power of faith we can do it.

You, our dear learners, are a treasure entrusted to us to lead and then let go in life. I pray that you will make use of every experience you go through to learn a lesson, from every opportunity you take to grow, from every encounter you make to practice your humanity and values; and all this within self-actualized disciplined you are being trained at.

Have a Happy Easter and a nice vacation

Laura Rizk





## ٢١ آذار: ماذا يجري؟

العصفير تطير مغرّدةً، والفراشات ترفرف فرحةً، والزهور تتمايل رقصاً، والنحل خلق نشيطةً.

ترى ماذا حصل؟ لم الطبيعة فرحة؟

إنه الواحد وعشرون من آذار، عيد الأعياد، عيد الأم. لأجلها استعدّ كل الأولاد في مدرسة البشارة الأرثوذكسية - قسم الرّوضات - للاحتفال باليوم العظيم.

على أنغام الموسيقى تمايل أولاد الحضانة على مسرح المدرسة يرقصون ويغنّون ليعبّروا عن فرحهم في المناسبة. ولتكتمل فرحة الأم، فقد شاركت طفلها في تزيين لوحة بباقة من الزهور.

أما متعلّمو الرّوضة الأولى، فقد كان احتفالهم مميّزاً. منذ الصّباح الباكر استعدّوا بنشاط. ارتدوا زيّ الرياضة، وانتظروا أمهاتهم اللواتي شاركن البنين في ألعاب رياضية مميّزة. آه كم كان النشاط رائعاً!

وماذا عن أولاد الرّوضة الثانية؟ تفتّحت أذهانهم وعقولهم لحلّ أصعب الألغاز، ومنها إكمال الترسّوم، ومطابقة الترسّوم والحرف، لإكمال العبارات. وإضافة إلى أحاجي كثيرة. بمساعدة الأمهات استطاع الجميع أن يحلّ كل الألغاز.

وأخيراً، كلّ عام وأنت بألف خير يا ملاكي.

نسرين شعر سنو - معلّمة اللغة العربيّة  
مرحلة الرّوضات

## Immunology

Each one of us has a list of priorities in his/her life. Each list differs according to people's interests and the way they rank things around them and give them an importance. An issue that never fails to be on each person's list is health and well-being. Since childhood we learn in biology how living organisms survive. In order to stay in good health, we certainly need to learn about immunology. For that reason, projects about the immune system and the diseases it may encounter were scheduled for us in Grade 11. The subjects were various and the knowledge we became familiar with seemed greatly important. We discussed the different kinds of allergies, AIDS and its effect on the body, auto-immune diseases and a lot more. We found out that it's a necessity to know how to deal with these diseases immediately. The learners also were really interested to know new things about their body. They knew how the body reacted to certain substances that could be dangerous and lead to a significant response.

Knowing about issues in our life is such an important thing, but knowing specifically about our bodies is the greatest issue of all. For this knowledge can either shape a healthy lifestyle if we keep up to date about it, or a weak one that might lead to several dangerous consequences if we disregard it. And finally, if you're a bit ignorant about your body, read books, surf the internet, and do all possible ways that will get you to know better. Your health must be the first priority on your list and it deserves to be so.

Marwa Sourì - Grade 11SE B



## Talk about things that you've learned from your mother or send her a message for mother's day.

Usually, when we are kids, the person who mostly cares about us is our mom. She helps us grow to become a mature young man or woman. Throughout our life, and even when we're still at school we face many obstacles in life and we always feel better when we talk about our problems to someone who understands us like our mothers. They teach us to be strong when we feel infuriated or sad. Our mothers fill our heart with tenderness and joy. They teach us how to be honest and patient. We should always appreciate and honor our mothers because they are the reason that we are in this world.

Reem AL Sayed- Grade 6B

Life is full of problems, challenges and fears, but the most important thing is that you have your family. You should always be affable, amiable, frank, genuine and cheerful. You should always think highly of yourself, be confident and you should never give up but keep on trying until you become the best.

Sometimes you feel that you lost your will power, and that you cannot do anything, but you must always keep in mind that you should keep trying. You should always thank God, believe in him and pray for everything he gave us in life.

My mom taught me all of that. Well when I think of my mom I become happy because from the day I was born she provided me with tenderness, support and love. She bloomed my world with flowers, love and happiness. She helped me become the person I am now: Assil.

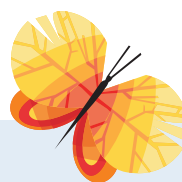
Assil Kharsa- Grade 6B



Dear mom,

First of all, I want to thank you for all the love, care and support that you are providing me. I am very grateful because you are raising me to become what I am now. You gave me birth which is the best gift. The smile on your face encourages me to face challenges in life. You taught me how to be a clever and a healthy young girl. You are my soul and without a soul I cannot live.

Reina Dib - Grade 5A



## The Importance of Reading

I was too young. I can't remember at what age, but that was when I got my very first book, Bedtime Tales with many bedtime stories. The first story read to me was called Ballerina Belle. It was a wonderful story that talked about a girl, called Ballerina, who won a lot of awards and was appreciated by every citizen in the city due to her determination and hard work. This simply was a good lesson to learn.

When I was four, I got a collection of books written by a famous author, called Doctor Seuss. I read them all. They were awesome and very funny, and I learned a lot of vocabulary and rhyming words. The first time I read them, I could not stop laughing, and I still read them now. When I became 7 years old, I started reading The Diary of Wimpy Kid and What's Cooking Alex, and now I am focusing on novels, biographies, and scientific books.

The main question that arises here is: What brings me to enjoy and adore reading? Well, I have several reasons. First of all, when I read, I learn new facts, especially from scientific books. Second of all, using technology makes it easier and more fun to read and get more information about any topic.

Moreover, I grew up in a family that reads a lot, so that encouraged me to read and have the chance to go and visit many libraries and book fairs and get to pick books of my choice. Reading entertains me a lot. I can simply hold a book whenever I want and wherever I am. It doesn't need too much effort.

Why is reading important? Reading enriches our imagination and vocabulary repertoire. The more you read, the more you get ideas for your essays, journals, biographies, stories, and articles. I advise each and every person to read during his/her free time instead of wasting time on Facebook and other electronics. Remember, a book is your best friend for life.

That's why, and in order to encourage each and every learner to read, our school has dedicated a reading week, whereby mothers are invited to read us entertaining stories of their choice and do fun activities together.

Tala Khairallah - Grade 4B



## Activity Hour

Every Friday, learners in the Lower Elementary Divisions of BAC and ETD, show a lot of enthusiasm before the weekly activity hour. The Activity Hour program has become a ritual in our Schools since the Academic year 2003-2004. Within the frame of the Holistic approach that aims at developing all aspect of the learners' personality, it contributes in helping our learners discover their God gifted talents and nurture their physical, artistic and cultural abilities and skills through educational and fun activities

During this session, learners are distributed over a variety of activities such as cooking, group games, junior band, Taekwondo, dance, drama, etc... At the end of the first cycle of activities, parents were invited to watch their children perform what they learned. Also, some activities were interactive, whereby the learners and their parents did the activities together.

Overall, these activities help the learners enrolled in them build higher self-esteem and become more self-confident.

Maya Masry – Homeroom teacher - Grade 2





## Communicating with Children through Puppets

Most of the children these days are attracted by computer games, play stations, iPads and other devices. We have dozens of TV channels, of which very few broadcast puppet shows.

A puppet is a figure or doll made to look like a person or an animal. Some puppets fit over the hand or a finger, others have strings or rods that are moved from above or below. Puppets have many benefits; they support the oral communication skills, social, creative and language skills. On the other hand, puppets are both entertaining and captivating, children can vividly interact and relate to them. Any puppet can encourage the quietest of children to start talking. Moreover, it can break down barriers and provide an effective means to start communication. Puppets should be used effectively to gain and hold the attention of children who may usually have a relatively low attention span. Puppets can reflect joy or sadness; they can represent naughty or nice; cheeky or shy characters, and when children are engaged by a puppet they can learn lessons without even realizing it.

Since Puppets are a dynamic art form that appeals to all age groups, this medium of communication has been selected to serve as an aid for imparting education in schools.

In order to discover the world of farm animals and emphasize on the value of sharing among friends, the Nursery teachers presented a puppet show about a farm and the animals that live in it. During the show, the farmer took care of the animals; he offered them food and water, and he cleaned them. One day early in the morning the cow was the first one to wake up feeling hungry, it ate all the hay. After this, the sheep woke up to find out that the cow ate all the food. The sheep called for the pig and the horse and told them that the cow ate all the food. A struggle and a fight between the animals took place. The farmer interfered to tell them that they were all friends and that friends cared for each other, shared the food and loved each other. The cow felt guilty for eating all the food, and asked from the farmer to put more hay for the other animals, where at the end they all ate together, and enjoyed their time on the farm. Puppets provide an essential link between learning, fun and play that makes them wonderful teaching tools for the classroom.

Mrs. Layane Nammour  
Nursery Teacher



## La tradition des œufs de Pâques

Précédée par le dimanche des Rameaux lors duquel on célèbre l'arrivée de Jésus-Christ à Jérusalem, Pâques est la plus importante fête religieuse Chrétienne.

Le jour de Pâques c'est le jour où les disciples de Jésus se rendirent à son tombeau et découvrirent qu'il était vide. Sur le chemin du retour, ils rencontrèrent Jésus ressuscité et commencèrent à répandre la bonne nouvelle. Traditionnellement, plusieurs coutumes sont rattachées à la fête de Pâques.

L'œuf est le symbole de vie et de renaissance c'est pour cela que donner des œufs en cadeau à Pâques est une tradition installée depuis des centaines d'années.

Il y a beaucoup de coutumes reliées aux œufs de Pâques qui plaisent particulièrement aux enfants. De même, il existe plusieurs traditions populaires et religieuses liées à Pâques :

- On s'échange des œufs colorés et décorés pendant toutes les fêtes de Pâques et la semaine qui suit ;
- Le premier œuf peint est considéré comme étant le gardien de la maison et il est donc conservé ;

- Une fois les œufs colorés ou peints, on peut choisir un œuf et le décréter comme son œuf porte-bonheur. Cet œuf servira à toquer l'œuf d'une autre personne. Si jamais, lorsque vous touchez l'œuf de votre adversaire et que vous brisez celui-ci, vous remportez son œuf; si c'est votre œuf qui succombe, alors vous perdez votre œuf au profit du vainqueur et il ne vous reste alors plus qu'à choisir un nouvel œuf.

Pendant toute la période pascalle, les chrétiens se saluent par l'exclamation « Le Christ est ressuscité ! » (المسيح قام, en arabe) à laquelle on répond « Il est vraiment ressuscité ! » (حقاً قام, en arabe).

<http://fr.wikipedia.org>

Nisrine Feghali

Responsable de la garderie Tendernest

## التلوث

يمكنه ان يؤثر في تغيير المناخ البيئي حيث يعيش.

فالتهدف الأساسي من هذا النشاط هو تشجيع المتعلمين على الحفاظ على الطبيعة من خلال الاعتناء بالأشجار والزهور وعدم قطعها وعدم الاعتداء على الطيور التي تؤدي دوراً بارزاً في الحفاظ على التوازن البيئي.

رولا حداد - معلمة اللغة العربية  
الصف الثالث الأساسي



البيئة موضوع يعني كل إنسان. فهي المجال الذي نمارس فيه حياتنا ونشاطاتنا المختلفة.

ولبيئة نظام دقيق متوازن. ولكن جاءت يد الإنسان لتعيب بكل ما هو جميل وتلوث الطبيعة وتهدد الأخضر واليابس.

أما مظاهر التلوث فهي متعددة:

- تلوث الهواء الناجم عن المصانع ومحركات السيارات.

- تلوث المياه من خلال رمي النفايات والمخلفات في الأنهر والبحار.

- تلوث التربة يحدث من جراء تسرب المواد الكيميائية تحت الأرض.

.... وغيرها من العوامل التي تؤدي الى تدهور البيئة و الى خلل في توازنها. كالاكتفاء على الطيور وقطع الأشجار والزهور.

ولتسليط الضوء على هذا الموضوع قام متعلمو الصف الثالث الأساسي بإبراز مستتبات التلوث من خلال رسومات ومجسمات مثلت الواقع البيئي الحالي. إضافة الى هذه الأنشطة تم حضور عرض مسرحي تحت عنوان "لبيش المناخ تغير؟" حيث تعرّف المتعلمون على "جنى" ووالديها. قوس قزح والعم "خليل" الذين أمسكوا بكل من "سامر" و"تامر" اللذين حاولا الاعتداء على الطبيعة من خلال قطع الأشجار والزهور وتشويه جمالها.

أجواء من الفرح والسعادة بدت على وجوه المتعلمين الذين اكتشفوا أنّ الفرد في المجتمع



## My Science Fair Experience

The science fair experience was great because it helped us experience group work. We learned a lot from it and got exposed to new information. Science fair is a good challenge that encourages you to have the greatest experiment for a great project. In this challenge we are determined in order to get the championship.

Sary Yehia – Grade 5 A

Every year, all learners are asked to perform and present a science project. This year, we came up with incredible and various ideas. It was a very interesting and fun experience. At the same time, it was helpful and beneficial for everyone. We all learned new science concepts that we had never heard of before. It was a scary challenge for some! We waited eagerly for the results. We all congratulated the winners and encouraged them to keep up the good work.

Dana Srour - Grade 6A

On Monday, February 20, 2012, we (Grade 6 learners) had a science project to present. Everybody got his/her model or experiment with information on a cardboard to share. So, by turn, every group presented its project to the teacher and peers. All the projects were scientific and interesting. It was an educational and fun experience at the same time. We learned new information that we did not know about before.

Lea Hakim – Grade 6A

We had a great time building a science project. It was an experience which proved that studying can be fun. It was an unforgettable moment. Our project "fun for knowledge" is a project that helps the young generation learn about school material at home without books. It was a very nice idea to learn. It is made up of questions and answers. If you get the right answer for the right question the light will bulb and the sign will move.

Rawan Hijazi- Grade 6A

Every year, we have to find a topic for the science fair. This year, I was completely out of ideas. However, I found a very simple one that sounded challenging: Tipping a glass of water upside down without spilling it. I tried the experiment and it worked. I searched for all the information possible and I made the cardboard. I presented my project on the assigned date and then I waited for the results. The teacher announced the winning groups and unfortunately, it wasn't mine. I felt discomfort, but at the same time happiness for the people who won. This didn't discourage me, on the contrary I learned that I had to perform better next time and seriously: It is more important to participate than to win

Anthony Abou Mrad – Grade 6A



## When Habits Become an Addiction

On Friday, March 2nd, my group in the Cultural Program has presented a topic that clearly attracts many people and is very important these days which is "when habits become an addiction". During our meetings with our monitor, we have been frankly very nervous and perplexed about our presentation, but after working hard like a team, we finally have shown our true talents. Addiction is a very serious issue and it has been increasing more and more each day. That's why we have decided to show not only what addiction means and how it happens, but to show real experiences and consequences; so we have decided to do a short movie.

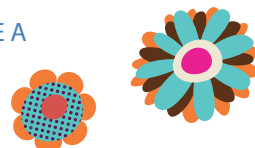
The movie was humorous and that was our goal, to amuse our audiences; but we also showed them the severe consequences of addiction and how it is very important that we learn to control our "habits". We showed that a man was willing to give up his house and family to keep gambling, that a girl was willing to kill herself for the person she couldn't have, that a man could show how guilty he felt about drinking, but never stopped. All those scenes were to set awareness among teenagers. After the movie, we asked our peers and audience to discuss their addiction, and surprisingly they did. It was

an interesting topic and we got to know and understand each other more.

Nour Abdelbaki, Naima Haidar, Faisal Hashimi, Farouk Dajani, Mohammad Ali Alawiyeh, and I worked very hard for this movie, and all our work paid off after the response we got from our audience; we felt very blessed and proud. But it wasn't until the school asked us to go to SMOC and show our movie in the Culture Program there, till we felt true content and pomposity. It was the best gift we could ever ask for, our hearts were jumping out of joy not only because we got to share our movie with our fellow SMOC learners and teachers, but also because the school believed in us and trusted us enough to provide us with this experience. It was truly the best reward we could have ever received; for that we're all thankful.

In addition, special thanks for our monitor, Miss Nisrine Feghali, for her help and believing in us enough to make this movie and for Faisal Hashimi for his talented assiduous directing. We couldn't have done it without them. And finally, if you do not control your habits, they will control you.

Mona Jouni - G11 SE A



## تمثيل الأدوار

طلب منا المعلم في حصة اللغة العربية أن نجري بحثاً عن تطوّر الأسلحة. وتأثير رجالات السلام في هذا المجال. وأن نقدّم بحثنا أمام زملائنا. فاختَرنا أن نتكلّم عن رجال السلام والمناضلين الذين دافعوا عن حقوقهم وحصلوا عليها دون استعمال للأسلحة. وقد وقع هذا الاختيار خديداً على كلّ من "روزا باركس" و"المهاتما غاندي"...

لم نردّ لتقديمنا أن يكون عادياً، فقمنا بإضافة بعض الإبداع حتّى يتسنى لنا إيصال الفكرة ونحصل على علامة مُرضية. لذا قمّت وصديقتي بطلاء وجهينا واستعملنا بعض المناشف حتّى نجسّد هاتين الشخصيتين. كما قمنا بسرّد أعمال وحيات كلّ منهما. وعرض بعض الصّور عن حياتيهما. فهُنّأنا المعلم على إبداعنا...

– موهنداس كرمشاند غاندي: (١٨٦٩ – ١٩٤٨) كان السياسي البارز والزعيم الروحي للهند خلال حركة استقلال الهند. غاندي معروف في جميع أنحاء العالم باسم المهاتما غاندي «الروح العظيمة». وهو تشريف تمّ تطبيقه عليه من قبل رابندراناث طاغور. وأيضاً في الهند باسم بابو «الأب». تمّ تشريفه رسمياً في الهند باعتباره أبو الأمة: حيث أن عيد ميلاده ٢ أكتوبر. يتم الاحتفال به هناك كغاندي جاياتني. وهو عطلة وطنية. وعالمياً هو اليوم الدولي للاعنف. وكممارس للأهمسا. أقسم أن يتكلّم الحقيقة. ودعا إلى أن يفعل الآخرون الشيء ذاته. عاش غاندي متواضعاً في مجتمع يعيش على الاكتفاء الذاتي. وارتدى الدوتي والوشال الهنديين التقليديين. والذين نسجّهما يدوياً بالغزل على الشاركا. كان يأكل أكلًا نباتياً بسيطاً. وقام بالصيام فترات طويلة كوسيلة لكل من التنقية الذاتية والاحتجاج الاجتماعي.

– روزا لويس باركس: ولدت تحت اسم روزا لويس ماكولي (١٩١٣ – ٢٠٠٥) كانت ناشطة من أصول إفريقية أمريكية. طالبت بالحقوق المدنية للأمريكان الأفارقة.

اشتهرت روزا باركس عندما رفضت التخلي عن مقعدها في باص عمومي لشخص أبيض. عاصية بذلك أوامر سائق الباص. فأطلق ذلك حركة مقاطعة الباصات في مونتغمري. والتي شكّلت بداية عملية إلغاء التمييز العنصري الذي كان سائداً في ذلك الوقت. لتكون إحدى أهم الأحداث في تاريخ الأمريكيان الأفارقة.

لقد كانت تجربة رائعة أن نشعر أننا نحن من غيرنا التاريخ. ولو كان ذلك تمثيلاً...

نرمين القصار. هبة جبل  
الصف الأساسي الثامن



## Global warming

## تعريف الاحتباس الحراري:

الاحتباس الحراري هو عملية احتجاز الحرارة الشمسية في الجزء السفلي من الغلاف الجوي بفعل وجود حواجز، كبخار الماء وثنائي أكسيد الكربون وغيرها من الغازات.

## كيف تحدث عملية الاحتباس الحراري؟

في الليل ومع غياب الأشعة الشمسية يبدأ سطح الأرض بإطلاق الأشعة التي اختزنها نهاراً، وتبدأ معه برودة الأرض حتى يشروق الشمس في اليوم التالي.

تختلف درجة تبرد الأرض من منطقة إلى أخرى، فالمناطق التي يحمل جوها نسبة كبيرة من الغازات كبخار الماء وثنائي أكسيد الكربون تكون فيها درجة التبرّد أدنى من المناطق التي يحتوي جوها كميات أقل من هذه الأجسام، فبخار الماء وثنائي أكسيد الكربون والغازات الأخرى تمتص قسماً كبيراً من الأشعة التي تبثها الأرض ثم تعيد بثّها فيتجه قسم منها نحو الفضاء الخارجي ويتجه قسم آخر نحو الأرض من جديد ويدفئها. هذه العملية تسمى "الاحتباس الحراري". ولولا الاحتباس الحراري لبلغ معدّل حرارة سطح الأرض ١٨ درجة مئوية تحت الصفر بدل ١٥ درجة فوق الصفر وهو معدلها الحالي.

## دور الإنسان في تغيير معدلات الحرارة:

نتيجة ازدياد أنشطة الإنسان الصناعية والغازات التي تطلقها وسائل النقل والحرّاقات ازدادت نسبة ثاني أكسيد الكربون والميثان والمركبات الكربونية الفلورية الكلورية (C.F.C.) وأكاسيد النيتروجين وغيرها من الغازات. هذه الغازات تمتص الإشعاعات ما دون الحمراء التي تبثها الأرض خصوصاً في الليل وتمنعها بالتالي من التبدد في الفضاء الخارجي، وينجم عن ذلك ارتفاع في حرارة جو الأرض. الأمر الذي ولد وسيولد مضاعفات بيئية ومناخية خطيرة.

• تبدّل في درجات حرارة الأرض واتجاهات الرياح الدائمة. وينعكس ذلك على خصائص الأنظمة البيئية على الأرض. حيث تُصبح أكثر جفافاً أو أكثر مطراً (أعاصير وفيضانات).

• تغيّرات في نطاقات الرطوبة والجفاف فوق سطح الأرض. وخاصة في نطاقات زراعات الأشجار المثمرة والحبوب في المناطق المعتدلة. وهذا يعني انخفاض في مستوى التغذية بسبب تدني الإنتاج بفعل التغيرات المناخية.

• ارتفاع مستوى البحار والمحيطات نتيجة ذوبان جليد القطبين. مما يهدد بغمر المناطق الساحلية المنخفضة بالمياه واختفاء بعض الجزر...

• زيادة معدل انتشار الأمراض والأوبئة المستوطنة مثل الملاريا والتيفوئيد والكوليرا بسبب هجرة الحشرات الناقلة لها من أماكنها في الجنوب نحو الشمال. وكذلك بسبب ارتفاع الحرارة والرطوبة ونقص مياه الشرب النظيفة.

## الاحتباس الحراري ظاهرة مثيرة للجدل:

يرى بعض العلماء أن احترار كوكب الأرض قد يكون جزءاً من دورة مناخية طبيعية. ولا دخل للإنسان

الأصلية باتجاه المناطق القطبية وهبوب العواصف القوية وفترات الجفاف الطويلة. وظهور الكثير من الأمراض الجديدة مثل فيروس غرب النيل وإنفلونزا الطيور.

وقد أدى الجفاف الطويل على الخط الأفقي الرابط بين دارفور (غربي السودان) والنيجر إلى جفاف العديد من البحيرات مثل بحيرة تشاد. مقابل أمطار قوية نتجت عنها فيضانات جارفة في سويسرا والهند والصين والولايات المتحدة.

ويحذر العلماء من أن استمرار تزايد حرارة الغلاف الجوي سيرفع عدد الوفيات إلى ٣٠٠ ألف شخص سنوياً. وسيؤدي ذوبان الثلوج بجزيرة غرينلاند إلى رفع مستوى مياه المحيط الأطلسي أكثر من سبعة أمتار. وسيغرق بالكامل جزيرة مانهاتن وولاية فلوريدا الأمريكيتين وشنغهاي بالصين وكلكتا بالهند ودولة بنغلاديش وجزر المالديف. وبسبب الحر سينقرض أكثر من ألف نوع من الحيوانات بحلول عام ٢٠٥٠.

## ما هو الحل؟

لكن، هل يمكن وقف مثل هذه الكوارث؟ الجواب - حسبما يؤكد الخبراء- هو نعم، بالتأكيد. فهم يرون أن وقف هذه الكوارث قبل زحفها هو مسألة أخلاقية تتحق بإرادة سياسية. وتتم بواسطة تغيير أسلوب التعامل مع محيطنا البيئي. والبدء بتطبيق اتفاقيات المناخ مثل بروتوكول كيوتو وغيره لضمان أمن مستقبل أبنائنا وأبناء الأجيال القادمة.

وأخيراً، توصل مؤتمر الأمم المتحدة المعني بالتغيرات المناخية (يوم الأحد ١١ - ١٢ - ٢٠١١) إلى اتفاق من شأنه أن يلزم - لأول مرة - أكبر الدول الملوثة للبيئة باتخاذ الإجراءات الكفيلة بالحد من انبعاثات الغازات المسببة لظاهرة الاحتباس الحراري.

وكان المؤتمر الذي عقد في مدينة دربان بجنوب أفريقيا قد تم تحديده يومين إضافيين كي تتمكن الوفود المشاركة من الاتفاق على صيغة معاهدة تفرض على جميع الدول قيوداً ملزمة قانونياً على انبعاثات غاز ثاني أكسيد الكربون على أن تدخل المعاهدة حيز التنفيذ عام ألفين وعشرين.

نزار قازان - رئيس دائرة المدينيات ودائرة التاريخ والجغرافيا





### Teaching Values in the Preschool

Children are not born knowing what is acceptable and unacceptable. By watching how people around them behave and how they treat them, they discover that people have different beliefs and values. Since values are part of our daily life and an essential element in growing a good generation, they became an effective component in the awareness program and our educational plan.

At the beginning of every scholastic year a theme is chosen for all three BOS schools. This theme helps in building learners and teacher's awareness and general knowledge. The theme for the year 2011-2012 is the tipping point; which as Gladwell (the author of the book that's entitled The Tipping Point) states is a set of, "Ideas and products and messages and behaviors spread like viruses do". In The Preschool Division the awareness program is usually set based on the theme of the year. This awareness program aims at integrating values through fun and educational ways such as stories, sports activities, art work, and even field trips. These values are divided according to the themes the children learn in any of the English, Arabic, and Science. One of the themes learned in KG2 is "Wheels go around", the values highlighted in this theme are "Respecting human and natural resources and being aware of transportation safety rules". Children will experience these values through watching a video about auto, air, and water pollution and then discuss ways to reduce it, through role playing on how to take safety precautions while crossing the road, and through practicing safety actions like putting on the seatbelt in the car... A teacher doesn't only educate to give knowledge and information, but also educates for a life full of values and morals.

Magida Salam- Homeroom Teacher KG2

### How can you help your friends behave in a better way?

Well, that is a hard question, because you can not oblige someone to do something or change his/her personality. Everyone has something unpleasant in him or her; you have to just accept him/her the way s/he is. So the best way to make your friends behave in a better way is by reflection. By reflection I mean to show them how they are behaving and by doing so they will be able to observe the mistakes they are falling into and try not to repeat them.

Raef Ftouni - Grade 6B

If you want to help your friends behave in a better way, you should tell them to follow rules. Your friends should talk during appropriate times for example they can talk during recess time but not in class. You should teach your friends to say the truth always and never lie because lying will never solve a problem but rather causes the person to be in trouble. Being a bully, or a person who shouts and hits his friends is very bad. You should change all your bad behaviors into better ones.

Lama Arab - Grade 4B

To help my friends behave in a better way, I need to behave well too. I should be their role model. For example, if they lie in order to get out of trouble, I need to explain to them that telling the truth and being honest are the best ways for solving any problem you face. So if you want them to behave in a better way, you have to behave like an affable gentleman so then they will realize that the best way to do deal with people is by behaving in good manners.

Chakib Khoury - Grade 6B

### Le noir.

Hier soir,  
L'électricité a dit au revoir.  
Tout est devenu noir  
Et mes yeux ont perdu pouvoir.  
Je n'avais plus de gloire  
Car il n'y avait rien à voir  
C'était le début d'une histoire.

Chakib Khoury - Grade 6



Maria Nammour - Grade 5A



Roy Araman - Grade 5A

### DO NOT LITTER



Amar Yamani - Grade 5A



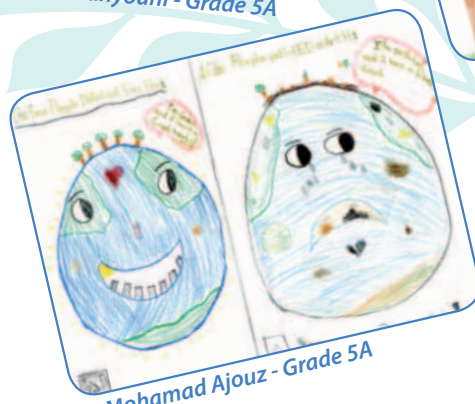
Yasmina Sahyouni - Grade 5A



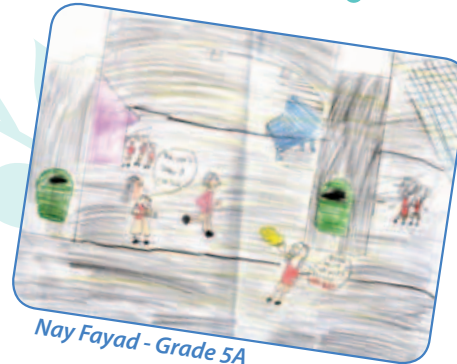
Dina Shehadeh - Grade 4A



Mia Khishly - Grade 5A



Mohamad Ajouz - Grade 5A



Nay Fayad - Grade 5A



### What's new:

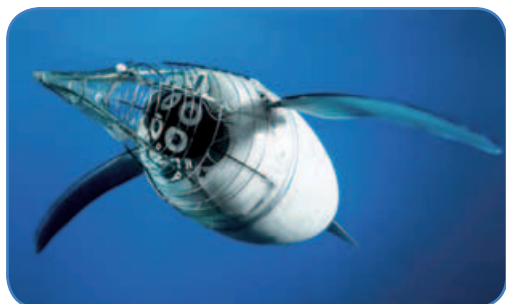
Festo is a German industrial control and automation company, based in Esslingen am Neckar, Germany. It is an engineering-driven company that sells pneumatic and electric transducers primarily to the automation industry.

Festo has links with universities, institutes and development companies through their Bionic Learning Network program. They are using this to explore ideas and initiatives which go beyond the core business of automation and didactics and may lead to future products and product areas, currently these projects involve their new line of pneumatic actuators. Some of these projects are the Aqua Jelly, Aqua Penguin, the Aqua Ray, Airic's arm, the Airacuda, and SmartBird...

### Meet the Aqua Penguin:

A self-navigating bot that swims underwater just like a real penguin, the Aqua Penguin can maneuver in cramped spaces and turn on a dime.

The penguins' hydrodynamic body contours and wing propulsion system are adopted from their natural archetypes. The bot is propelled by a powerful electric motor whose rotational speed also controls the flapping frequency of the wings. The bot features a torso that can move in any direction, employing a trademarked fin structure that is derived from the tail fin of a fish.



### Group Dynamic:

The bionic penguins are designed to be autonomous underwater. Using an intelligent 3-D sonar system, they can independently orient themselves and thus avoid collisions with other members of a group.

By borrowing from nature, Festo hopes to establish new frontiers in robotics technology. The company has avoided to be caught doing researches by any other animals....

The effects of these incredible inventions are so impressive according to researches abilities, where these bionic penguins can't be detected by any sort of animals around. Researchers can now reach places and blend in with exotic submarine situations ... and that's not all. The Aqua Penguins are also the proud ancestors of the Air Penguins; these are suspended by helium and also have ultra-sound transmitters that allow groups of them to float in the same space and avoid one another.

Concerning the environment, these inventions will help conserve earth from any harm. They can't pollute since they use solar energy and bionic cells, and they are the number one research robots so far...

These inventions can teach us that there is nothing called impossible. We can get anywhere we want, depending on our own selves and using our creativity and intelligence. They are surely a tipping point towards new discoveries...

[www.Festo.com](http://www.Festo.com)

[www.wikipedia.com](http://www.wikipedia.com)

[www.gizmag.com](http://www.gizmag.com)

Mr. Hamza El Khatib - Arabic Teacher



### Trigonometry in Life

How many of you use Math experiences in their daily life? Especially when it comes to trigonometry, you're going to be amazed by how many workers actually use trigonometry in their job. That is why, we, Grade 10 learners, were divided into four groups and were asked to study how Math and trigonometry were relevant to the humans' day to day activities.

The first group showed us how we can use trigonometry in music. They played a video showing the importance of it for the voice notes. Next, came the group of the trigonometry in space (astronomy). The group started teaching us about the angles and the distance between the earth and the sun which all involve trigonometry. Later, came the group that showed us that even Crime Scene Investigations involve trigonometry; do you know that by using trigonometry we can find out if the crime was suicidal or murder? And if there was a gun shooting we can determine from which detachment it was shot? For me that was shocking! Who knew that trying to find someone involved in a crime would need Math? And finally came the group that talked about using trigonometry in architecture where the members talked about the value of measuring the distance in an architect's work.

The presentations took place in the presence of the Head of the Math Department who gave us some comments that we could benefit from for our next Math projects.

You'll be shocked when you know that without Math most of the workers wouldn't have the ability to do their jobs accurately.

Ghina Shehab, Grade 10



### Multiple Intelligence

Multiple Intelligence, by definition, is the recognition of a broader range of learning possibilities given to children and adults. It manifests itself in the recognition of eight kinds of intelligences in contrast to the traditional intelligence based on the I.Q test.

These intelligences are linguistic (word smart), logical-mathematical (number/reasoning), spatial (picture), musical (music), interpersonal (people smart), intrapersonal (self- smart), and naturalist (nature smart).

Unfortunately, many learners who have these intelligences are deprived of reinforcement and encouragement. However, the new wave in education promotes the focus on learners who are gifted in other intelligences and not only the linguistic and logical-mathematical one.

The theory of Multiple Intelligence requires a different approach to the implementation of the lesson plans. It encourages the use of activities, role play, music, group learning, field trips, multimedia, and other interactive cooperative learning.

Educators claim that once this theory is properly carried out, many future adults will find themselves completely satisfied and happy with their jobs, performing optimal potentials.

At BOS our main aim is to expand the minds of our learners in ways that tackle a wide variety of their interests and inclinations. There is a special attention paid not only to deliver education per se, but rather to make sure that the learners become confident enough to display all kinds of intelligences that they might excel in.

The means by which information is being conveyed to the learners includes a variety of interactive activities ranging from field excursions to learning via animation and music. Hence, learning changes from a dry bulky process to a wider, more prosperous arena of future possibilities.

[www.educationworld.com](http://www.educationworld.com)

[www.tecweb.org](http://www.tecweb.org)

[www.thomasarmstrong.com](http://www.thomasarmstrong.com)

Lana El Turk - English teacher

