



Green Generation



AN ENVIRONMENTAL MAGAZINE FROM BSOE

ISSUE 05



COVER STORY
YEAR OF ZAYED

PAGE 10

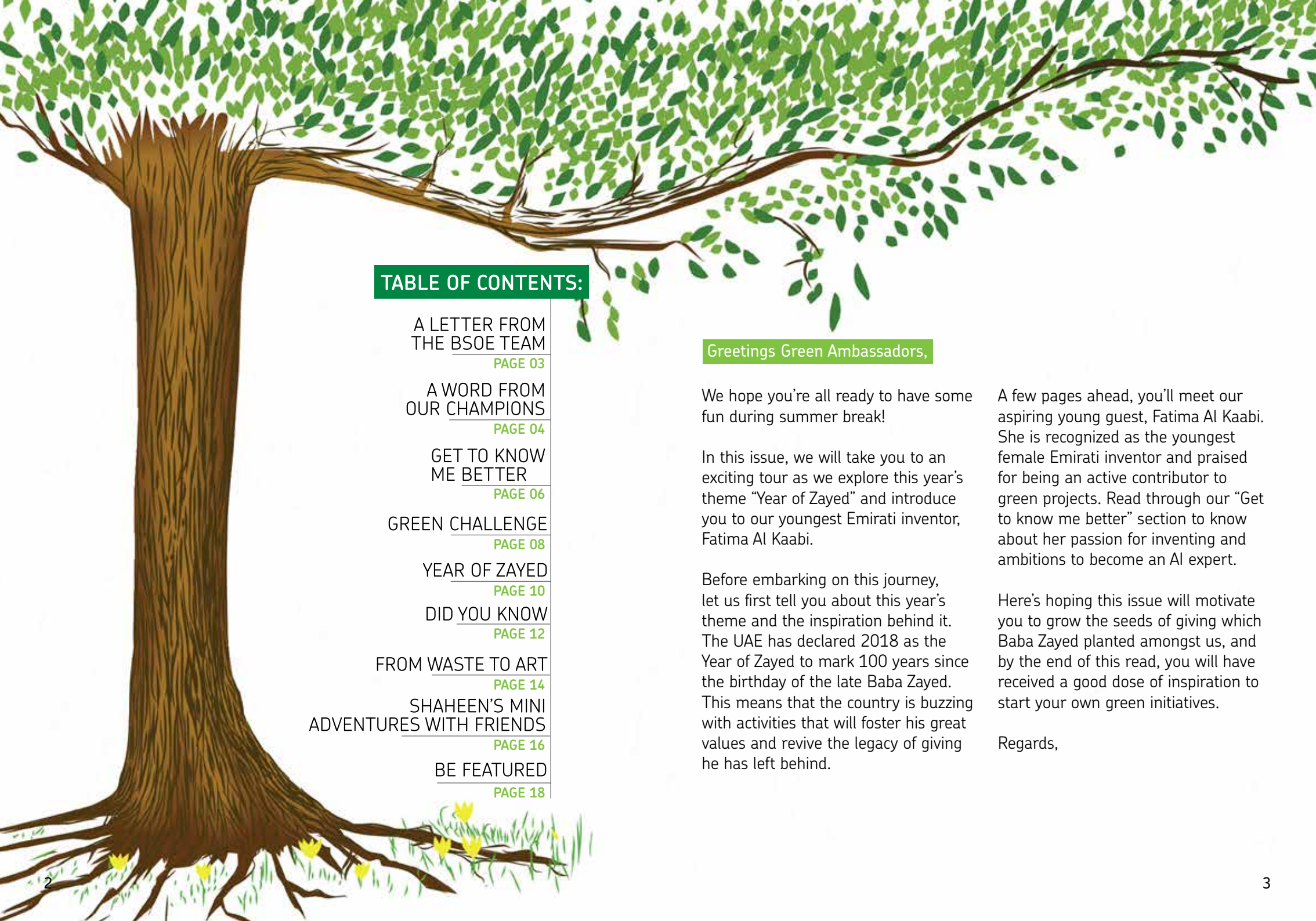


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Greetings Green Ambassadors,

We hope you're all ready to have some fun during summer break!

In this issue, we will take you to an exciting tour as we explore this year's theme "Year of Zayed" and introduce you to our youngest Emirati inventor, Fatima Al Kaabi.

Before embarking on this journey, let us first tell you about this year's theme and the inspiration behind it. The UAE has declared 2018 as the Year of Zayed to mark 100 years since the birthday of the late Baba Zayed. This means that the country is buzzing with activities that will foster his great values and revive the legacy of giving he has left behind.

A few pages ahead, you'll meet our aspiring young guest, Fatima Al Kaabi. She is recognized as the youngest female Emirati inventor and praised for being an active contributor to green projects. Read through our "Get to know me better" section to know about her passion for inventing and ambitions to become an AI expert.

Here's hoping this issue will motivate you to grow the seeds of giving which Baba Zayed planted amongst us, and by the end of this read, you will have received a good dose of inspiration to start your own green initiatives.

Regards,

A WORD FROM OUR CHAMPIONS

MY EXPERIENCES WITH SEAA!

To start with, I should say that I am very proud to be a part of the BEE'AH activities taking place throughout the last two years. Be it the EESA competitions, Recyclathon Runs, RVM's, or the stalls at the UAE Innovation Week; BEE'AH has left a strong impact in my life.

Talking about the EESA and ISRC competitions, I feel that BSOE is doing an incredible task to honour the young Environmental Warriors and Eco-Schools throughout the U.A.E.

The EESA stands as the pinnacle of all Environmental Awards in U.A.E and it also caters to the aim of increasing the environmental awareness among the student communities.

I have been part of the competitions for the past two years. It gives me immense pleasure to testify that I have attained greater milestones in the field of environment through these competitions. The researches, campaigns and activities have helped to grow the environmentalist within myself to whole new greater levels.

The BSOE Award Ceremony conducted every year is an amazing event where we are able to meet like-minded individuals from all over the U.A.E. When I attended the awards ceremony last year; there was a great sense of pride and joy within myself. I felt that every single person gathered there was a part of a big FAMILY moving together with the sole aim of protecting our environment and mother Earth. This thought still brings goosebumps all over my body.

The exponential increase in the number of students applying for the EESA award



shows the success of BSOE and is also a solid proof that the efforts of BSOE are showing a tremendous effect. The rise of a large number of GREEN AMBASSADORS does give hope for a greener, better and sustainable future.

All the Green Warriors applying for this award must remember that everyone cannot be adjudged as a winner. But always remember **"A TRUE ENVIRONMENTALIST CAN NEVER BE DEFEATED AND WILL ALWAYS REMAIN AS A WINNER"**

Joyal Joseph
Sharjah Indian School



WINNING THE SHARJAH ENVIRONMENT AWARENESS AWARD.

"It's a dream come true". Passion for creativity, a clean and pollution free environment has driven me all the way to win this award. Right from home I started waste segregation. Being an arts and crafts teacher, my mind always worked on what to do with the remains of the waste which is non-biodegradable. So I started using yoghurt buckets, old tyres, plastic bottles, milk cartoons, etc. to grow plants. I made compost from household wet waste and started planting organic plants. Turning a desert into a lush green plot was my single focus.

A move started right from the community mosque where a short training was provided on how to make compost and grow organic plants. The young enthusiastic children watched and learned about the process of composting. To see the community and

society accepting and taking an initiative to grow more plants motivated me further to continue with more projects.

If you see the barren, uncultivated land change into greenery, this proves that everything is possible if we take initiative.

Winning the outstanding teachers award was a great achievement and a sense of accomplishment. This was a great motivation and has encouraged me to do more environmental work. I am really thankful to bee'ah for always extending their great support. Without their support winning this award wouldn't have been possible.

Rashida Adel
Sharjah Indian School



GET TO KNOW ME BETTER...

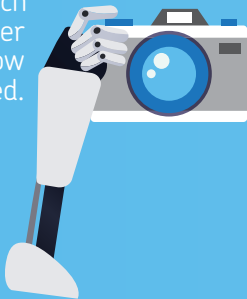
GIVE US A BRIEF ABOUT YOURSELF.

My name is Fatima Alkaabi , 16 years old, 11th grade. I study at Manor hall international school. I enjoy building robots.



HOW DID YOUR PASSION FOR INVENTION START?

It started at a very young age. My parents always noticed my attraction to toys that needed to be built or building blocks. At the age of seven they started introducing me to more complex toys that need wires or need screws and this is how I started to develop my skills. At the age of ten I was part of a conference where I was asked to prepare a project for the booth I was at and I thought about creating something I've never seen before which is a photographer robot. This is how everything started.



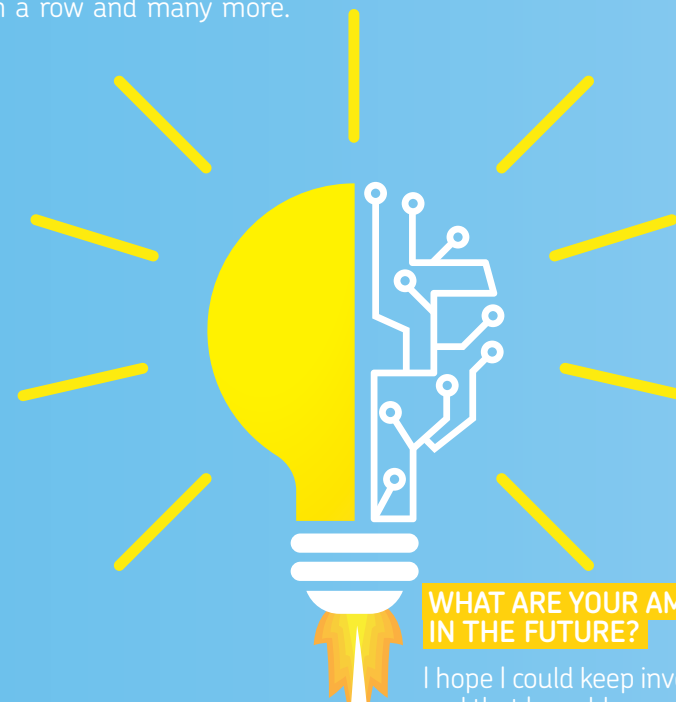
TELL US SOME OF THE GREEN PROJECTS THAT YOU INVENTED TO HELP THE ENVIRONMENT.

I have a solar bag which is a bag with a solar panel that charges as you're carrying it around and then you could power electronics through it or other items such as lights, fans, a projector, and basically anything you would need on a trip. This project led me to use solar energy every-time I'm going a trip or when I'm traveling. It also introduced my friends and family to such technology, which they started using in their daily life. I am also currently working on a new source of energy that would help power lots of things around us, you will hear about it soon inshallah.



NAME SOME OF THE AWARDS THAT YOU HAVE RECEIVED.

UAE pioneers medal 2015, sheikha Fatima Bint Mubarak Arab youth award, Sheikh Nasser bin Hamad global youth creativity award, won first place in the UAE world robot olympics two years in a row and many more.



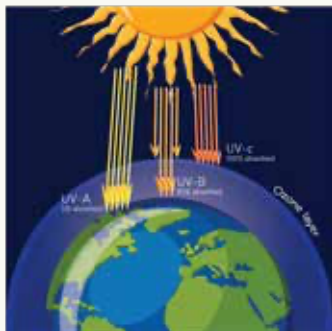
WHAT ARE YOUR AMBITIONS IN THE FUTURE?

I hope I could keep inventing in the future and that I would see my inventions in the market. After high school I want to study Artificial Intelligence and neuroscience hoping to develop AI using neuroscience. I also want to study both majors at MIT in the US , the top engineering school. Inshallah after all of that I look forward to coming back to the UAE and developing AI here.

GREEN CHALLENGE

Write the correct word under each picture:

Water pollution • Global warming • Solid waste
Ozone layer depletion • Air pollution



.....



.....



.....



.....



.....

Answers:



Solid waste



Air pollution



Water pollution



Global warming



Ozone layer depletion

YEAR OF ZAYED

“IF ALLAH THE ALMIGHTY HAS FAVORED US WITH WEALTH, OUR FIRST COMMITMENT IS TO SEEK ALLAH’S SATISFACTION AND TO EXPRESS OUR GRATITUDE TO HIM BY UTILIZING THIS WEALTH TO MAKE THIS COUNTRY BETTER AND TO BRING GOODNESS TO ITS PEOPLE. ”

These were the words of the late Sheikh Zayed bin Sultan Al Nahyan, a man who stayed true to his words; a leader and a father who laid a foundation of truthfulness, honesty, devotion, and equality to build a nation from nothing. When he ruled the UAE in 1971, the country has completely transformed from a dry desert into a green field.

To honor his legacy, the UAE has declared the “Year of Zayed” as the theme of 2018. This means that we as UAE citizens and residents can play a role in this initiative by participating in activities, events, and awards that promote his values and principles. A little while back, a memorial has been raised in Abu Dhabi which features an artistic installation, “The Constellation” of his image. The magnificent artwork shows scattered geometric shapes that illuminate at night to form a portrait of the late leader reminding us of the light he casted upon this nation.

To this day Sheikh Zayed is remembered as a great leader who devoted his life to serving people, ensuring their well-being, and improving their living standards. His legacy left a wealth of wisdom that future generations can be inspired from, and people from all over the world testify to his nobility and outstanding achievements.



DID YOU KNOW



FROM WASTE TO ART

BOTTLE CAP BADGES

Your students are doing great in class and you want to reward them? How about creating some fun environmental badges!

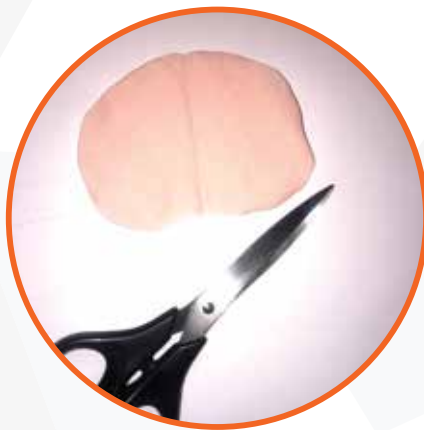
MATERIALS:

-  Bottle caps
-  Cotton balls
-  Solid fabric
-  Glue
-  Glitter glue
-  Scissors
-  Pin

INSTRUCTIONS:



1. Start by gluing a cotton ball on the inside part of the bottle cap.



2. Cut a circle of fabric large enough to wrap around the bottle cap.



5. Glue a pin at the back of the bottle cap.



6. Reward your students with these badges and ask them to wear them proudly!



3. Place the fabric on top of the bottle cap and glue it.



4. Decorate the front of the fabric with colors and any pattern you like!

SHAHEEN'S MINI ADVENTURES WITH FRIENDS

Rashid and Maryam were sitting at home, doing their homework when Shaheen arrived.

Yes, it was announced at the start of this year!

I was flying around the city and I saw many posters celebrating the year of Zayed!

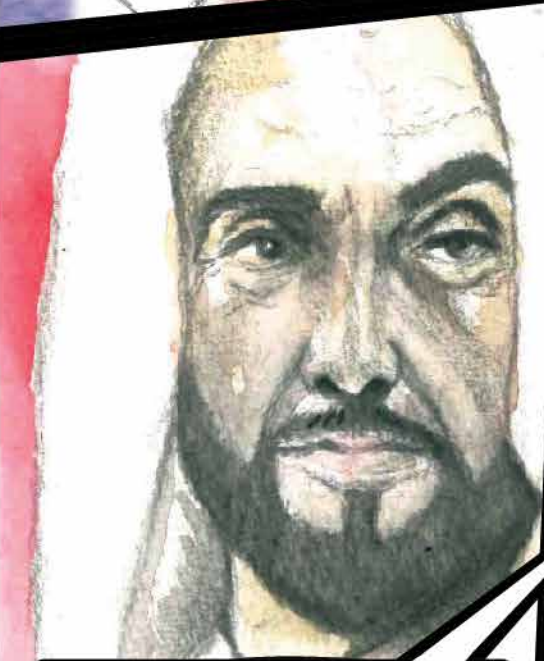
I hadn't hatched from my egg when he passed away, but I always hear great things about him. What does the Year Of Zayed mean?

We should ask Grandpa! He should know all about Sheikh Zayed!

Shaheen, Maryam, and Rashid all rush to Grandpa.



GRANDPA! TELL US ABOUT SHEIKH ZAYED AND THE YEAR OF ZAYED!



I guess it's time for a road trip!

YES, PLEASE TAKE US GRANDPA! We want to know all about our great founding father!!

This year marks 100 years since the birth of the late Sheikh Zayed bin Sultan Al Nahyan, the Founding Father of the UAE. He passed away in 2004. His Highness Sheikh Khalifa, President of the United Arab Emirates, has declared that 2018 will officially be known in the UAE as the Year of Zayed to commemorate this historic national occasion. If you like, we can go to Etihad Museum which is located at the very place where the UAE was founded in 1971. Would you like to go there to know more about the UAE and Sheikh Zayed?

BE FEATURED



مبادرة شركة بيئة بالتعاون مع المجمع السكني "منازل" لعام زايد في اماره أبوظبي
Bee'ah's initiative in collaboration with Al Manazel community in Abu Dhabi for "Year of Zayed"



قطعة فنية مذهلة مصنوعة من أغطية عبوات المياه المعاد استخدامها.
Amazing piece of art made from re-used bottle caps.



إطار جميل للصور، تم عمله من الكرتون المعاد استخدامه من قبل طالبات روضة القرائن.
Beautiful photo frames created from re-used cardboard boxes, which were decorated by Al Qarain KG kids.



فعالية مدرسة الشارقة الهندية الخاصة بتحويل النفايات لمعرض زراعي.
Green activity done by Sharjah Indian School, transforming waste to an agricultural exhibition.



حملة اعادة التدوير بقيادة الفريق البيئي لمدرسة الشارقة الهندية.
The recycling campaign led by the environmental team of Sharjah Indian School.



قامت الطالبة نيولا كاستيلينو من مدرستنا الثانوية الإنجليزية ، بإعادة تدوير أكثر من 12000 كيلوغرام من الأوراق.
Neola Castelinio from Our Own English High School, bee'ah's recycling ambassador who recycled more than 12,000 kgs of papers on her own.