



مجلس قطر
للمباني الخضراء

QATAR GREEN
BUILDING COUNCIL

عضو في مؤسسة قطر
Member of Qatar Foundation



Eco-Schools

25 YEARS

1994-2019

Qatar Eco-Schools Congress 2019

THE REPORT

Engaging the youth of today to
protect the planet of tomorrow



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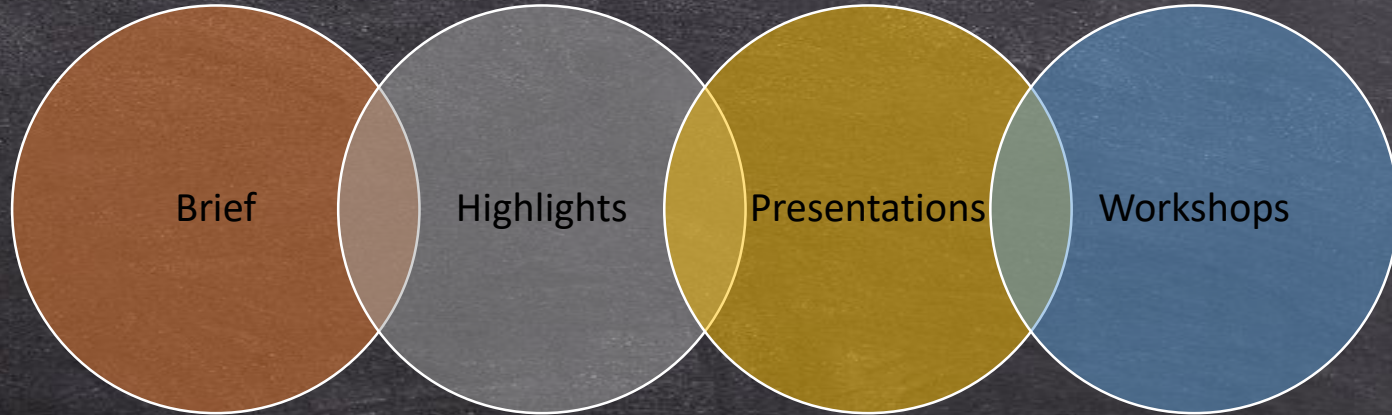
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Brief

WHY ECO-SCHOOLS?

With eco-schools program we educate students to prepare them to create a sustainable future.....but we want them to be in a place that **inspires** and **empowers** them to take action..!



I've got the power!

Qatar Eco-Schools Congress 2019,

"I've got the power..!" Video Guidelines



Qatar Eco-Schools Congress

2019 was organized to create a networking event to gather Green Flag awarded schools with registered and other schools to **Share, Inspire and Lead change**. Young students shared their achievements and was given a platform to have a say in the environmental management policies, activities and practices of their schools and communities.

Congress main objectives:

- Share Eco-schools program updates in Qatar
- Share Green Flag awarded schools' experience, tips and best practices
- Create networking between awarded, registered schools and partners
- Present "I've got the power..!" videos
- Set calendars, **Thursday Oct 24 & Oct 31, 2019** as **QSW2019 Green school days**
- Live application for Eco-Schools theme, Food Waste.

AGENDA

When: Wednesday, Sep.25th,2019 , from 8:00am -1:00pm
Where: Students Center, Education City, Qatar Foundation
Who was invited: School's Eco-Committee, teachers school leadership.

Eco-Schools Congress Agenda Sep.25,2019

8:00-8:30 am	Registration and exhibition tour
8:30-9:00 am	Welcoming and opening ceremony
9:00-9:15 am	Green is new cool
9:15-9:25 am	DC Presentation
9:30 -9:40 am	ASD Presentation
9:40-9:50 am	DC Primary Presentation
9:50-10:00 am	Questions & Answers
10:00-10:15 am	Break and exhibition tour
10:15-11:30 am	Workshop
11:30-12:30 pm	Lunch, activity & Wrap up
12:30-1:00 pm	Climate Change march Supporting SDG 13 .. Climate Change Indoor walk from ballroom to food court .

PARTNERS



PARTICIPATING SCHOOLS

25

schools

171

students

40

teachers

REGISTERED ECO-SCHOOLS

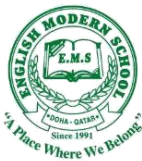


GEMS

American Academy
QATAR



SHERBORNE
QATAR



المدرسة الإنجليزية الحديثة
THE ENGLISH MODERN SCHOOL

GREEN FLAG AWARDED ECO-SCHOOLS



Other Participant Schools

- Qatar Academy Sidra
- Blyth Academy Qatar
- M.E.S Indian School
- The Phoenix Private School
- Qatar Finland International School
- Newton International School D ring
- Newton International School Lagoon
- Oscar Academy
- Edison International Academy
- Alashbal Preparatory International School
- The next Generation School
- Bhavans Public School
- Dukhan Schools for boys
- Noor Al Khaleej School

EXHIBITORS 13 exhibitor



حديقة القرآن النباتية
QUR'ANIC BOTANIC GARDEN
عضو في مؤسسة قطر
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List of Exhibitors

Ateliers Artea	Jeniffer Tungol	jen@ateliers-artea.com
Ecolife	Danny Luke	danny@ecolifeqa.com
Golden Fairs LLC	Alaa Biomy	bioalaa11@gmail.com
Housestories	Maureen Ferry	info@housestories.co
Iberdrola	Charlotte All	c.all@iberdrola.com
kidzania	Reda Abdulmoneim	reda.abdulmoneim@kidzania.qa
Qatar Debate	aisha Al-Nesf	aalnesf@qf.org.qa
Quranic Botanic Garden	Ahmed ElGharib	aelgharib@qf.org.qa
Sheraton	Jhun Tolention	Gregorio.Tolentino@sheratonhotels.com
Soumia/Art with food	Soumia Masmoudi	mas.soumia@gmail.com
Tarsheed	Maryam Al Jaber	maaljaber@km.qa



Congress & Social Media



84 posts

18,404 impressions



19 tweets

84,136 impressions



23 posts

1,337 impressions

Social media links and videos

- [QGBC Instagram video highlight](#)
- [QGBC instagram story](#)
- [Qatar Foundation Instagram highlight](#)
- [News article by the Peninsula Qatar](#)
- [I've got the Power video](#)



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Highlights

Congress

HIGHLIGHTS

00.00kg
Zero food waste

1 year of food waste 3b tons CO₂



**Take what you wish
Finish what you take**



Pack & Donate



Compost

Food was repackaged and portioned into small, compostable boxes and distributed to construction workers at Qatar Foundation immediately after the event.

Donated

- ✓ 79 apples
- ✓ 60 mini burgers
- ✓ 51 slices of pistachio cake
- ✓ 234 cookies

Composted

- ✓ 4 kg food waste



During lunch, the students were offered two identical lunch buffets whilst one was with smaller sized plates. B4Development designed an intervention to reflect the relation between the plate size and amount of food waste generated by each individual. The results suggested that a **2cm decrease** in plate diameter can lead to **30% decrease** in average food waste per person.

Very Interesting!

Congress HIGHLIGHTS

CLIMATE CHANGE MARCH

Co organized with



“..... And the climate protest at Multaqa (Education City Student Center) – organized by the Arab Youth Climate Movement, Global Shapers, and the Eco-Schools programme – mirrored the recent ‘global climate strike’, which saw millions of people around the world hold demonstrations at what they claim is inaction in cutting carbon emissions and stabilizing Earth’s climate.

Speaking at the event, Engineer Meshal Al Shamari, Director, QGBC, told students: “You are the leaders, decision-makers, and parents of tomorrow. Therefore, we believe that by engaging you today, through Eco-Schools, you will protect the planet tomorrow. “Together, we are leading the country to address the sustainability goals for Qatar National Vision 2030, helping this country on its journey to establish a post hydrocarbon economy.” “Let’s build a sustainable future together...”

<https://www.thepeninsulaqatar.com/article/26/09/2019/Climate-change-protesters-take-a-stand-for-the-planet-at-Qatar-Foundation>



PRE Congress HIGHLIGHTS

QATAR DEBATE TRAINING

Qatar Green Building Council with Qatar Debate held a training for eco-schools students to assist youth panel members and moderators in the congress to improve their presentation and communication skills. At the end of the training students have developed a clearer understanding of how to communicate; they were ready to engage in discussions, have a clear personal mission and key message; how to impacts different audiences; and confidence in delivering public speeches and in expressing and collecting feedback and views.



GREEN CLASSROOM PROFESSIONAL CERTIFICATE



THE CENTER
FOR GREEN SCHOOLS



32 GCPs

Green Classroom Professional
Certificate (GCP) for Teachers

www.centerforgreenschools.org

The Green Classroom Professional Certificate program provides preK-12 educators and school staff with the knowledge to identify what supports or impedes healthy, resource efficient and environmentally sustainable learning spaces. The Certificate is earned through a three-hour instructor-led course followed by a 30 multiple online choice assessment exam taken on the day of the course with one hour to answer the questions.



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Presentations

SPEAKERS

14 speakers



Dr. Adenike Akinsemolu

Brian Kerr
Lasitha Edirisinghe
David Talabadze
Ruhid Anwari
Kareem Nada
Shamik Sarangi



Marcia Jones
Tisya Rania
Ayoub Merzougui
Hala Haidar
Younglin Cho
Lena Idris
Aditri Patel



PRESENTATION HIGHLIGHTS

GREEN IS THE NEW COOL!

Dr. Adenike Akinsemolu
Green Institute, Nigeria

Dr. Adenike shared with the audience the Green Institute initiatives, programs and activities in their pursue to promote sustainability as a lifestyle and creating a sustainability conscious community among Nigerians. At the end of the presentation, Dr. Adenike asked the audience to take The Green Pledge.

THE GREEN PLEDGE

- My name is _____
- I will never that drop that waste on the floor
- I will eat and drink moderately because I know some people do not have access to food and water
- I will always switch off my appliances when not in use
- I will travel sustainably
- Above all, I pledge to be GREEN



TRASH FOR EDUCATION (TFE)

EDUCATION IS THE MOST POWERFUL WEAPON WE CAN USE TO CHANGE THE WORLD
- NELSON MANDELA



RAISE ECO-CONSCIOUS KIDS



PLANT FLOWERS AND TREES



PLANT FLOWERS AND TREES



CONSERVE ENERGY



GREEN YOUR TRANSPORTATION



PRESENTATION HIGHLIGHTS

AMERICAN SCHOOL OF DOHA

Members of the ASD sustainability committee shared with the audience their approach in tackling the WASTE theme. The school managed to save 80,000 water plastic bottles a year. And redirected 30 kg waste per day from landfill. **WELL DONE!**



Are you part
of the solution?



**RETHINK
REFUSE
REDUCE
REUSE
RECYCLE**



AMERICAN SCHOOL OF DOHA
A Legacy of Academic Excellence

Initiative #1 Stop selling bottled water

- Go Refillable campaign
- Added additional filling stations across campus
- Refillable cups available in the cafeteria

Reduced our use of bottled water by 80,000 bottles a year

Challenges

- Special events
- Having all groups and individuals practice "Go Refillable"




AMERICAN SCHOOL OF DOHA
A Legacy of Academic Excellence

Initiative #2 Start a paper recycling program

- Card system to reduce printing "errors"
- Recycling bins paired with GOOS bins
- Get student body involved in emptying the bins

Reduced the volume of waste produced on the campus by 25%

Challenges

- Unnecessary printing / copying still happening
- Getting people to try to use technology instead of paper
- Too much GOOS paper - BUT....




AMERICAN SCHOOL OF DOHA
A Legacy of Academic Excellence

Initiative #3 - Reduce food waste

- Monitor and collect data about food waste
- Initiate a composting program in the 2 cafeterias
- Sell the compost that we create
- Making more sustainable choices with food

We have been able to redirect 20 - 30Kg of waste a day from landfill

Challenges

- Collection and processing - having enough time and people-power
- More waste than our composters can handle
- Space for additional composters




PRESENTATION

HIGHLIGHTS

DOHA COLLEGE

Doha college Secondary shared with schools their success story as in June 2016 Doha College secondary became Qatar's first ever accredited green flag Eco School. And repeated this success with the second green flag accreditation in June 2018. Also they shared their activities under MARINE and COAST theme. And at the end of their presentation they shared some useful tips they learned in their journey to become an eco-school. [WELL DONE!](#)



Our big success:
Ocean Awareness Month

12 months of awareness
14 projects

Ocean Awareness Month

Each year, plastic pollution kills more than 100,000 marine creatures

3

What we did

- Ocean Awareness Month launched at the beginning of January to all year group assemblies
- Personal, social and health education (PSHE) lessons focused on this topic each week for 4 weeks. Students could choose the specific theme e.g. plastic straws, microbeads, coffee cup lids.
- Special charity screening of Blue Planet 2. Over 1000 riyals raised and donated to Plastic Oceans charity
- Plastic Free Day in the Canteen.
- Kayaking trip to the Mangroves on World Mangrove Day.
- Doha College becomes a plastic-cup free zone.
- Community Beach Clean Up day with Doha Environmental Action Project (DEAP)
- All student iPads backgrounds and desktops changed to promote the event



4

Our results

Over 45, 000 disposable plastic cups saved from waste



7

Our results

Over 1000 riyals raised for Plastic Oceans through charity screening event of Blue Planet 2

PLASTIC OCEANS



6

Our results

106 bags of plastics and beach litter (est. 530kg)



5

Our Tips

- Keep everyone in the school community engaged
- Keep the momentum
- Keep it topical and relevant
- Keep connected with other schools and organisations
- Good luck



6

PRESENTATION

HIGHLIGHTS

DOHA COLLEGE PRIMARY

Doha college Primary worked closely with Doha college Secondary in their journey to become an eco-school. Two eco-warriors presented their actions and the changes they made at their school to achieve more awareness and more savings under the WASTE ENERGY and CLIMATE CHANGE themes. **WELL DONE!**

THE ECO-COMMITTEE

Eco Warriors 2018/19

46 warriors over two campuses
EYFS to Year 6



CHANGES WE'VE MADE AT DOHA COLLEGE

- FOR THE PAST 6 YEARS, THE SCHOOL CANTEEN HAS BEEN SELLING THEIR FOOD IN PLASTIC BOXES! OBVIOUSLY, THIS NEEDED TO BE CHANGED. THE CLIMATE CHANGE COMMITTEE ECO KIDS SPOKE TO THEM ABOUT THIS ERROR AND THEY IMMEDIATELY FIXED IT. IMAGINE IF EVERYONE SPOKE UP ABOUT THE UNNECESSARY USE OF PLASTIC LIKE WE DID. THAT WOULD IMPACT THE WORLD IMMENSELY



SWITCH OF FORTNIGHT!



- THE BENEFITS OF SWITCHING OFF LIGHTS
- REDUCED ELECTRICITY USAGE.
- EXTENDED THE LIFE OF YOUR LIGHT BULBS.
- SAVED MONEY ON ELECTRICITY BILLS.
- BUYING LIGHT BULBS LESS OFTEN.



During the start of the second term, the energy committee decided to cut back on electrical consumption. We launched switch off fortnight.

We measured usage before and then after!

Before Switch off fortnight:

100,820KWH

After Switch off fortnight:

55,510KWH

Saving in Switch off fortnight:

45,310KWH

... JUST BECAUSE YOU CAN'T DO EVERYTHING DOESN'T MEAN YOU CAN'T DO SOMETHING





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Workshops

WORKSHOP

6 18

tables moderators

4

Eco-schools
themes



Biodiversity & Nature



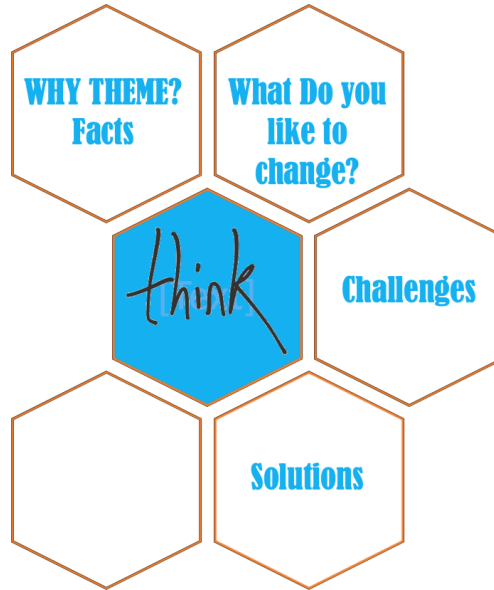
Water



Energy



Food



7 SDGs



FINDINGS

ENERGY



Goal:

How all members of the school can work together to increase awareness of energy issues and to improve energy efficiency within the school.

Think!

- Does you know how and where we get our electricity from in Qatar?
- Do you believe energy production can cause air pollution?
- Is there "clean energy"?
- How can we reduce energy consumption at school?
- What is energy efficient appliances?
- Do you know how much energy the school consumes monthly?
- Do you have energy efficient lighting fixtures?
- Are you aware of phantom energy?

WHY ENERGY?

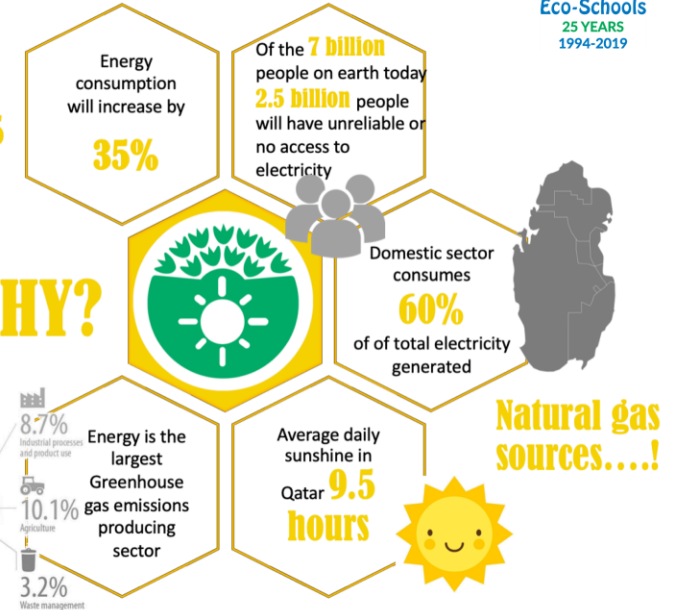
ENERGY



78% Energy

BY 2035

WHY?



What do you like to change at your school to make it more energy efficient ?

- Turn off lights and ACs at night
- Posters to encourage students reduce consumption
- Solar energy
- Getting admin and facility staff to listen to our demands, specially for maintenance and fixing leaks.



What are the Challenges?

- Fossil fuels are cheaper
- People are always busy and do not want to change
- Politics and regulations
- Lack of motivation
- Hot weather, we have to turn the ACs on always!



How can we overcome these challenges?

- Awareness and link to personal interests
- Promote cycling and provide biking roads
- Give people solutions, do not focus on problems!
- Encourage Solar energy
- Use social media to promote green practices
- Carbon off-setting

FINDINGS

WATER



Goal:

Provides an introduction to the importance of water both locally and globally and raises awareness of how simple actions can substantially cut down water use.

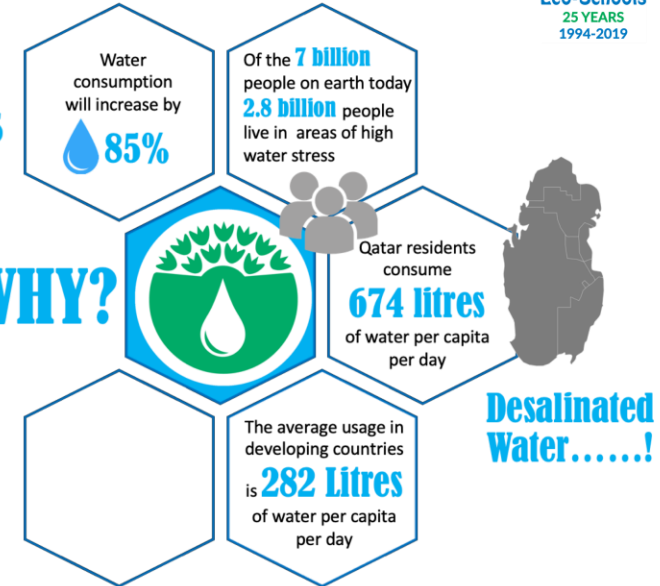
Think!

- Do we really care about Water?
- From where do we get fresh water in Qatar?
- How much rainfall do we get in Qatar?
- How much do we consume monthly ?
- Do we use drinkable water for all of our daily activities?
- Do you have water efficient fixtures at your school?
- Do you have a garden at your school?
- Do we maintain and fix leaks at our school?

WHY WATER?



WHY?



❑ What do you like to change at your school to make your school more water-use responsible ?

- In art classes use half a cup of water.
- Reuse and treat grey water
- Awareness and posters to remind students not waste water.
- Use sensor taps or with timer.
- No plastic water bottles are allowed
- Fix water leaks
- Get students motivated to use less!
Give away prizes, money..☺



❑ What are the Challenges?

- Changing water fixtures costs a lot of money
- People are lazy and do not want to change
- Water dispensers are extra cost for schools
- limited natural water resources in Qatar
- People are irresponsible, they overuse water for cleaning, car wash..



❑ How can we overcome these challenges?

- Launch a competition for homes to award most water savers.
- Always install automated taps.
- use half flush for toilets.
- Take very short showers
- Make plastic water bottles expensive
- Advocacy and awareness

FINDINGS



FOOD

Goal:

Encourage young people, their parents, and the whole community to take responsible food-related choices and actions that protect the environment, promote human rights, and improve the wellbeing of society - every day.

Think!

- Do we really think about the food we daily eat ?
- Do you know the source of the food you eat?
- Do you care about eating seasonal fruits or vegetables?
- Is it necessary to produce our own food?
- Is there a good and a bad food for your mental and physical health?
- Do teachers teach you about the importance of healthy food?
- Did you ever had the opportunity to cook/prepare a healthy meal at school?
- When you are hungry, do you stop and pick a healthy food or you eat anything available?
- Do you skip meals?



What do you like to change at your school to make it a healthier place?

- less food waste generated
- Ban plastic cutlery in the cafeteria
- Provide Good and healthy food options
- Control portions served to students
- No junk food from home or at the cafeterias
- Less meat or "Go vegetarian" day
- Stop selling popcorn with cheese
- Stop throwing food, Start Composting



What are the Challenges?

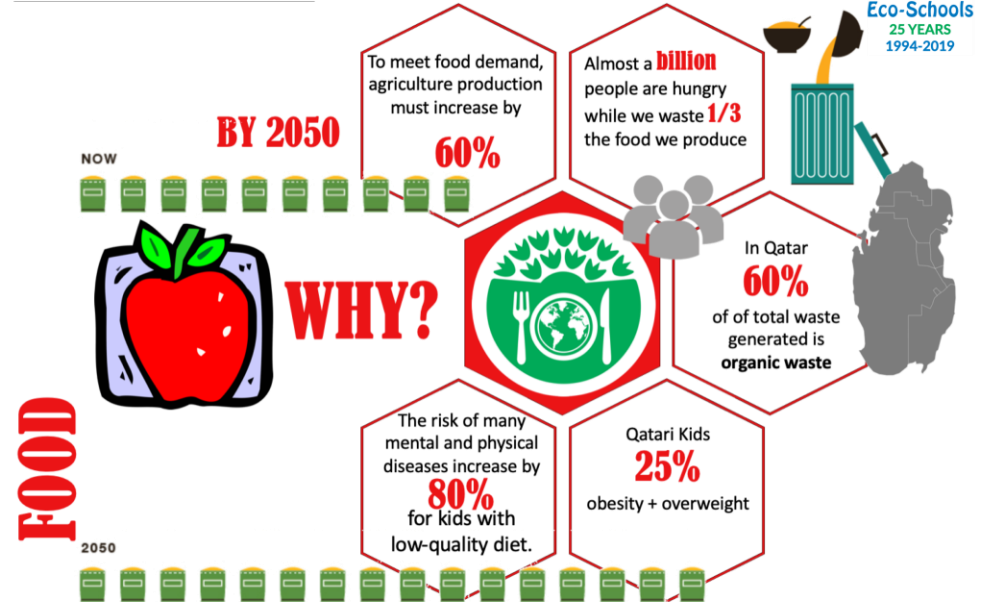
- Cultural misconceptions and bad habits
- People do not want to change
- Even if we are healthy at school some habits come from society and home.
- Poor soil for growing food in Qatar.



How can we overcome these challenges?

- Show amount of food waste.
- Demonstrate food cycle and where it ends up for all community members
- Awareness and posters
- Compost ..Compost
- Eat seasonal food only
- No smoking allowed
- Have a garden at school.
- Allow students to go back for refill
- No sugar and candy treats
- Greenhouse

WHY FOOD?



FINDINGS

Biodiversity



Goal:

Examines the flora and fauna present in the school environment and suggests ways to increase the levels of biodiversity around the school and raises the pupils' awareness of biodiversity and nature.

Think!

- Do you believe that the extinction of species will affect humans?
- What cause extinction of species?
- Do you notice the presence of any species at your school ground ?
- Does the school have any of the following: *flowers/herbs, Butterfly bushes, Bird feeders, Water for birds/cats, ants/insects houses*
- Did you ever have an outdoor classroom?
- Are there trees and green areas at your school?
- Does your school arrange field trips to beach, parks, natural habitats?
- Do you grow vegetables and fruit at your school?



What do you like to change at your school to increase flora and fauna present at your school ?

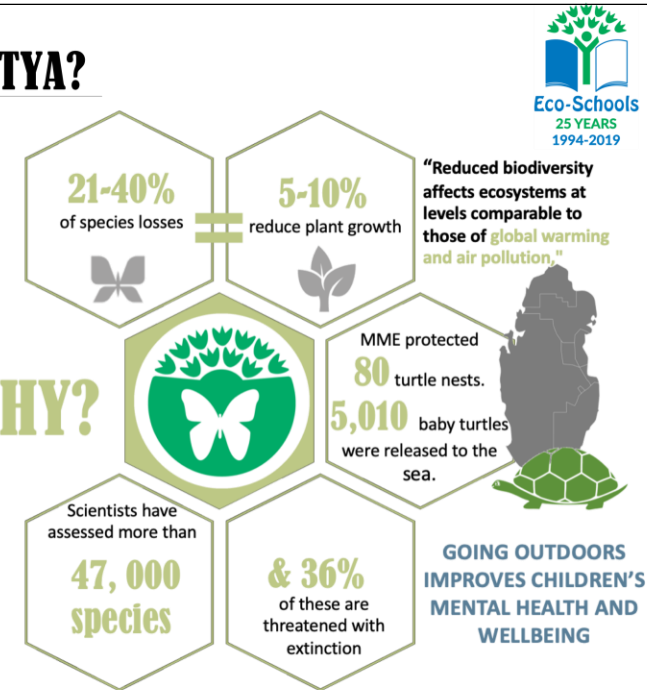
- To see more Plants spread in different areas
- Promote the concept of sharing our earth with different species
- I want to enjoy nature
- Know more about seeds and plantation methods
- research about different regional and unique plants in Qatar
- Big trees for shade at school



What are the Challenges?

- Cutting down trees
- Air and water pollution
- Fires at the Amazon rainforest
- Extinction of plants and animals
- Irresponsible human activities, violence, killing, testing
- Mining of natural resources
- Killing animals for branded cloth
- Over population

WHY BIODIVERSITY?



How can we overcome these challenges?

- Stop supporting bad products that causes deforestation or animal cruelty
- Donate money to help clean up habitats
- Zoology club
- Stop using plastic and recycle
- Establish clubs that will help and bring awareness.. Tell people
- Workshops to reflect damage on the eco-system
- Plant trees
- Keep Zoos near the animals' habitats

Contact Us



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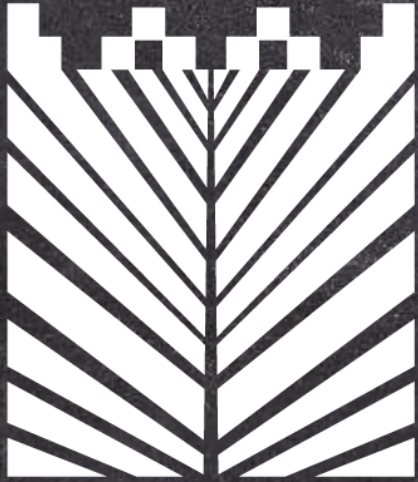


With eco-schools program we educate students to prepare them to create a sustainable future.....but we want them to be in a place that **inspires** and **empowers** them to take action..!

Eco-Schools - Qatar
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