

**The future is here!**

*We often find ourselves talking about all the wonders that we will experience in the future—flying cars, artificial intelligence at our homes, working at jobs that haven't yet been created, teleporting to any part of the world to attend a meeting and returning home just on time for dinner with the family. Sounds fascinating, right? Finally being able to live the life of the Jetsons!*



*As intriguing as future sounds at the same time all of this can be daunting to some of us. Not knowing what that future hold can give one goose bumps.*

*With the theme **Fearless Future Forward** CGS is preparing the students to be fearless, adaptive, resilient and to have the a growth mind-set with an out-of-the-box attitude.*

*We have already embarked into the future we talk about and the through the join collaboration of the teachers, staff and students that future was showcased at the Science & IT Fair 2019/20 both in Chittagong and Dhaka and in all its campuses. Our young scientists worked on solving the world's most intractable problems. Science fair opened up our young minds to opportunities of creativity, inclusivity and innovation.*

**Chittagong Grammar School**

*"All the projects were amazing, some were exceptional. If this is the future of our children Bangladesh should go far."*

**- Mahine Khan, Head of Upper School, CGS**

*"Quality is not an accident. It is always high intention, skillful execution and best perfection. Students of CGS are brilliant, perseverant and above all very hardworking and innovative...we wish them great success will all human values and patriotism."*

**- Mohammad Mizanur Rahman, Chairman, PHP Family**

*"This is a great initiative for development of scientific knowledge of the students. I am mesmerized seeing the enthusiastic participation of all category students. Thanks CGS."*

*"Outstanding- a combination of effort, passion & brilliance!"*  
**- Victor Mercer , Class 4 Coordinator, CGS**

*"The students showed their innovation and ability to think futuristic ideas through their projects. We are thankful for their tireless effort throughout the event."*  
**Baista Arefeen, Science Coordinator, CGSNC**

*"It was quite interesting and fun to see all the projects prepared by our students. I gained a lot of knowledge from projects which I didn't know about earlier."*  
**- Tasnim, Class 9 CGSNC**

*"The Science fair was extremely inspiring and it really allowed me to express my inner creativity and thoughts regarding my project and this experience made me realize that if I truly believe in myself, my hard work will pay off."*  
**- Maisoon, Class 6, CGS**

*"The Science fair gives us hope that these little scientists will make our future world even more beautiful."*  
**- CGS parent**





# The Results

*Congratulations to all the winners and commendations to participants of all schools for their amazing ideas and hard work.*

## CGS—Chittagong

*CGS Chittagong winners were awarded on the basis of their performance in Design and Presentation, Innovation and Uniqueness for different class groups.*

### Lower School

**Best Design and Presentation** – Evolution Of Education', 'Meal In A Pill' and 'Balloon Jet Powered Car'

**Most Innovative** - 'Future Elevated Ambulance' and 'Volcanic Lemon'

**Most Unique**- 'Mr. Trash Cleaning Boat' and 'Independent Indoor Plants'

### Middle School

**Best Design and Presentation** - 'Systems: Circulatory & Respiratory', 'Physical & Chemical Changes', 'Rain Water Harvesting', 'Cells: RBC, WBC & Nerve Cell', 'Non-Biodegradable Waste Management', 'Destruction Of Coral Reef', 'Wifi vs. Lifi', 'Generating Electricity From Stored Water', 'Newton's Law Of Motion', 'Waste Water Treatment', 'City With Systems', 'Homemade Vacuum Cleaner' and 'Production Of Electricity From CO<sub>2</sub>'

**Most Innovative** - 'Zero Carbon Emission', 'Recycling Plastic Bottles', 'Hydroelectric Waste Removal Project', 'Hologram Triangle' and 'Motion Detection System'

**Most Unique** - 'Solar City', 'Edible Water Bottles', 'Earthquake Alarm' and 'Plane Launcher and Copper Plated Coins'



### Upper School

**Best Design and Presentation** - 'How Amazing Is The Human Body', 'Cardiac Cycle', 'Electricity Generation From Debris', 'Arm Sun City' and 'Double Cone Experiment',

**Most Innovative** - 'Pollution Catcher', 'Line Following Robot Car', 'Robotic Arm', 'Penetration Testing Drone' and 'Bionic Arm'

**Most Unique**- 'Stem Cells', 'Magnetic Suspension' and 'Microbial Fuel Cell'

**Exceptional Innovation** - 'Go-Kart'

## CGSD Primary

### Class 1

Volcano With Vinegar	1st
Density Of Liquid	2nd
Numerous Reflection From One Object (CS)	3rd

### Class 2

Air Weight (CS)	1st
How To Make Water Tank Overflow Alarm	2nd
Colour Changing Flower	3rd

### Class 3

Young Programmer's Coding	1st
Solar Energy (CS)	2nd
Windmill (CS)	3rd

### Class 4

Water Filtering (CS)	1st
Oxygen For Life (CS)	2nd
Mosquito Trap	3rd

### Class 5

Medicinal Plants & Their Uses	1st
Save Earth	2nd
Water Soaking Smart Road	3rd

### Class 6

Portable Power Bank	1st
Windmill	2nd
Waste Management	3rd



## CGSD Secondary

### Class 6

Exhibition of the Royal Bengal Tiger  
Global Warming

### Class 7

Artificial Intelligence (Medical Robot)

### Class 8

Multipurpose Solar Tent

### Class 9

Partnership Business (Lights UP)  
Sole Tradership (Tantalizing)



## CGS—National Curriculum

### Class 1

Road Safety	3D Model	Champion
Home Safety	Mini Project	Champion
Home Safety	3D Model	Champion

### Class 3

Recycle Reuse & Reduce	3D Model	Runner Up
Floating Vegetable Garden	Poster	Champion

### Class 4

Organic Farming	3D Model	Champion
Vacuum Cleaner	Mini Project	Runner Up

### Class 6

Relationship between magnet and electricity	Mini Project	Runner Up
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### Class 7

Producing electricity from water current	3D Model	Champion
Producing electricity from lemon	Mini Project	Champion
Eco-Friendly AC	3D Model	Runner Up
Technologies that will help in saving the world	Model	Runner Up

### Class 8

Plastic rain and its consequences	Powerpoint	Champion
Brain and Computer Difference	Poster	Runner Up
Heron's Fountain	Model	Champion

