

F.No. 17-65/2022-UT.1 (INS.5)
Government of India
Ministry of Education
Department of School Education & Literacy

Dated the 23rd May, 2023

To,

1. The Chairman, Central Board of Secondary Education, Shiksha Kendra, 2, Community Centre, Preet Vihar, Delhi-110092.
2. The Director, National Council of Educational Research and Training, Sri Aurobindo Marg, New Delhi-110016.
3. The Commissioner, Kendriya Vidyalaya Sangthan, 18 Institutional Area, S.J.S. Marg, New Delhi-110016.
4. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Institutional Area, Sector-62, Noida, G.B.Nagar, U.P.-201309.

Subject: GREEN Olympiad conducted by The Energy and Resources Institute - reg.

Sir/Madam,

I am directed to say that **The Energy and Resources Institute, New Delhi**, conducts GREEN Olympiad for school students annually since 1999 which addresses a range of topics such as water, waste, energy, air, biodiversity, climate change, culture, green skills and other contemporary issues related to environment and sustainable development.

2. The exam is conducted offline (MCQ) and is open for school students of Classes 4th to 12th. The registrations for this year's Olympiad have already begun and will end on 15th June, 2023 with the examinations dates being 1.9.2023 & 12.10.2023.
3. A PPT presentation detailing the various aspects of the GREEN Olympiad is forwarded herewith along with the project poster. It is requested that all schools under your organization may be advised to register for the GREEN Olympiad as part of the activities under Mission LiFE.
4. This issues with the approval of Secretary (SE&L).

Yours faithfully,


(Tej Pal Singh)

Under Secretary to the Government of India

Encl: As above.

GREEN Olympiad 2023

Register your school NOW

GREEN Olympiad, launched in 1999, is India's premier environment-based examination. It is an annual feature that enhances knowledge and skills amongst students about environment and sustainability issues related to air, biodiversity, climate change, culture, energy, green skills, waste, water, and other contemporary issues.

Important Dates

Registration Deadline: July 15, 2023

Examination Dates: September 1, 2023 and October 12, 2023

What is in store for you?



Students

Instil a sense of responsibility towards planet Earth by enhancing understanding of environment and sustainability issues.



Teachers

Motivate and equip to deliver interdisciplinary learnings.



Schools

Facilitate creation of a robust network of pro-active institutions, committed to sustainable development.

Features

- ✓ Offline examination (English and Hindi medium)
- ✓ Open for students of Std. 4-12
- ✓ Multiple-choice questions
- ✓ No negative marking
- ✓ Attractive prizes and incentives for winners, and certificates for all participants

Contact Details

GREEN Olympiad Secretariat

Environment Education and Awareness (EEA)
The Energy and Resources Institute (TERI)

Darbari Seth Block, India Habitat Centre, Lodhi Road, New Delhi-110003, Tel: 01124682100/24682144/24682145, Email: go@teri.res.in

www.teriin.org/olympiad

GREEN OLYMPIAD

teri | THE ENERGY AND
RESOURCES INSTITUTE
Creating Innovative Solutions for a Sustainable Future



75
Azadi Ka
Amrit Mahotsav

LIFE
Lifestyle for
Environment

GREEN Olympiad 2023-24

Transitioning Learning to Action

Realignment of pedagogy to *unlearn, relearn and learn!*

Presentation

Ministry of Education

May 03, 2023



ENERGY



AGRICULTURE



ENVIRONMENT



HABITAT



**RESOURCE
SECURITY**



CLIMATE



**HEALTH
& NUTRITION**

Decade of Action to Deliver the Global Goals (2020-2030)



Global action

- to secure greater leadership, more resources and smarter solutions for the Sustainable Development Goals



Local action

- embedding the needed transitions in the policies, budgets, institutions and regulatory frameworks of governments, cities and local authorities



People action

- include youth, civil society, the media, the private sector, unions, academia and other stakeholders, to generate an unstoppable movement pushing for the required transformations

Education for Sustainable Development: 2030 Roadmap

Five priority action areas



Advancing policy

Integrating ESD in global, regional & national policies



Learning Environment

Promoting



Educators

Providing capacity development



Youth

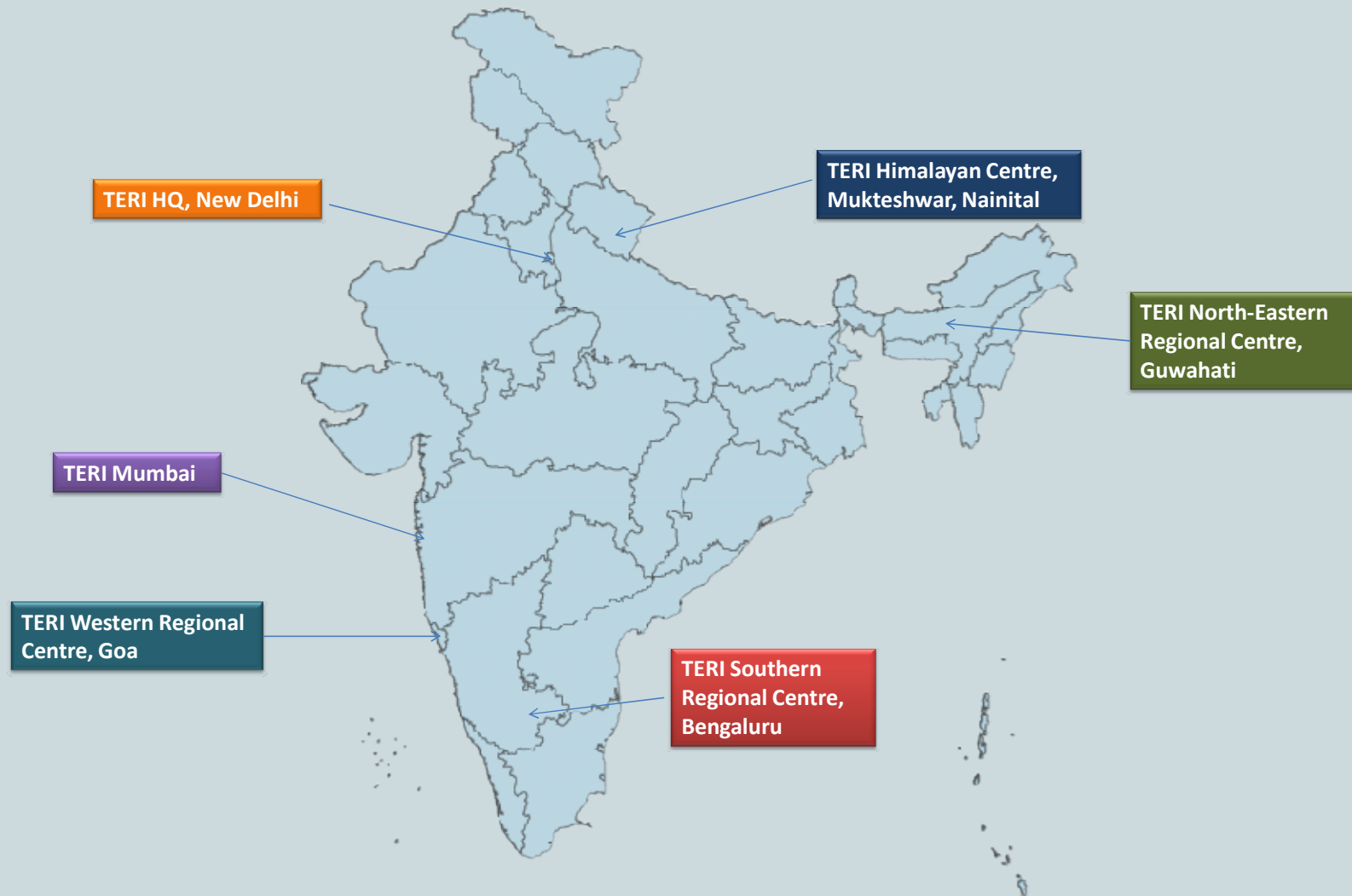
Providing opportunities for

Mission LiFE: Encouraging Environmentally Responsible Behaviours

The 75 actions listed under LiFE are framed to motivate every individual to be a part of this mass movement to nudge action simultaneously from individuals, community, institutions, governments and non-state actors to protect and conserve the environment.

- GREEN Olympiad is an example of the school based mass movement to trigger behaviour changes**

TERI's Presence in PAN India



EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD) @ TERI



Cover Story

Skilling Youth Ecos

Can It Be an Antidote to Society's Ove

International Youth Day is celebrated annually on August of the international community and to celebrate the local

teriin.org/olympiad/

GREEN OLYMPIAD

About us Announcements Prepare for GO Children's Corner FAQs Gallery P

Transitioning Environment Learning: GREEN Olympiad, from Awareness to Action!

GREEN Olympiad

3:53

TERI Green Olympiad

TERI Green Olympiad

School/university

Send Message

Hi! Please let us know how we can help.

Jagdish, Karan, Amit and 1,009 of this

Home Groups Events Posts Rev

About

Education for Sustainable Development @TERI

Overview

EEA has reached out to youth in 32 countries

Involved with over 3.5 million children and youth in rural and urban settings in India

Over 3,00,000 teachers trained on ESD in India

5000 campuses (both schools and institute of higher learning) impacted by TERI's ESD programmes across India and abroad

Since the outbreak of COVID- 19, EEA digitized most of its programmes and reached out to approximately 60,000 students in a year

International presence and recognition

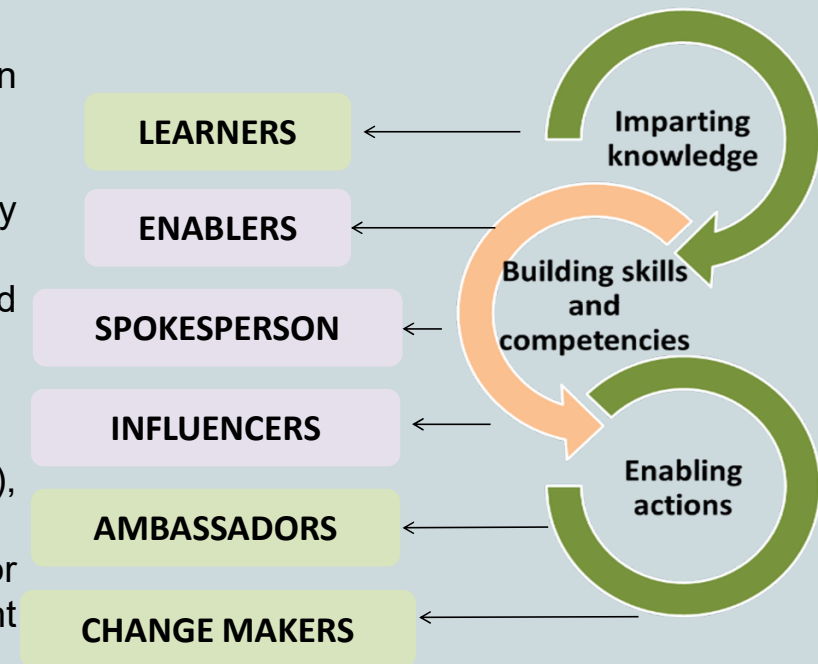
Regional Centre of Expertise (RCE), by the United Nations University (UNU), Tokyo, Japan.

Member of the International Expert Networking Group on Education for Sustainable Development (ESD) called 'ESD-Expert Net' led by Engagement Global

UNESCO's Key Partner for the Global Action Programme (GAP)

Presented Climate Change Education Programme (The Green School) at COP24 and COP 25, FCL (COP 26)

The Wenhui Award for Educational Innovation (Project SEARCH)



GREEN Olympiad 2023-24
Transitioning Learning to Action



Demystifying GREEN Olympiad

- Changing lifestyles dependent on exploitation of resources is causing a rapid deterioration of our environment.
- Need of the hour is to educate and create awareness in young minds to minimize their ecological footprints and orient them towards creation of a cleaner and greener future.
- Schools are earliest examples of resource efficiency that a child can learn from. Schools as sustainability labs, make our young citizenry aware of issues related to campus greening, natural lighting, zero waste zones, energy smart structures, biodiversity awareness, etc.
- *The SDG 4 Goal* regards Education as a lifelong learning experience. It is process oriented. Just as target 4.7, GREEN Olympiad does not focus on acquisition of subject knowledge, but enhances the learning graph of a student.

Examples of introduction of environment themes through GREEN Olympiad

S. No	Questions	Linkage with environment themes	Linkage with curriculum	Translate to action at community level
1.	<p>Natural habitat of most polar bears is north of the Arctic Circle to the North Pole. Polar bears live in Alaska, Canada, Russia, Greenland, and some northern islands owned by Norway, such as Svalbard. Of the following which is the most preferred natural prey of polar bear?</p> <p>a. Seal b. Garbage c. Seaweed d. Berries</p>	Animal behavior	<ul style="list-style-type: none"> • Geography • Science 	Inspire students to maintain nature diaries
2.	<p>Which of the following food type makes up nearly all of a giant panda's diet?</p> <p>a. Bamboo b. Insects c. Apples d. Spirogyra</p>	Endangered species	<ul style="list-style-type: none"> • Geography • Science 	Young reporters' field activities
3.	<p>Forests are considered extremely important in the fight against climate change as they serve as a sink in the carbon cycle. However, a lot of carbon is released when trees burn or when they decay (due to fire/insect attacks, etc.). In this case, the forest is considered to be a carbon source, if it releases more carbon than it absorbs. True or false?</p> <p>a. True b. False</p>	Carbon cycle Climate change	<ul style="list-style-type: none"> • Science 	Afforestation drives

About The Project

- Initiated in 1999, GREEN Olympiad reaches out to approx. 100,000 school students annually in India and abroad.
- The examination is conducted offline (MCQ). An alternative online mode of examination was adopted during COVID 19 outbreak (2020-2022).
- GREEN Olympiad addresses a range of topics such as water, waste, energy, air, biodiversity, climate change, culture, green skills, and other contemporary issues related to environment and sustainable development.
- The examination reaches out to students from std. 4-12. There is a college variant too; GO4Youth for all undergraduate and post graduate students.
- In 2022, endorsements received from KVS, SCERT-Goa, UNU- RCE, and MoEFCC, Gol.
- In 2023, endorsement support is already extended by MoEFCC, Gol.
- Star features of GO 2023- School Principals' Forum, Teachers' workshops, Sample Question Booklet, dedicated website (3 lakh visitors annually).
- International presence through participation from over 20 countries over the years.

A Journey of Over Two Decades



TECHNICAL FEATURES OF GREEN OLYMPIAD

Conduct of GO in offline format: GREEN Olympiad quiz will be conducted offline. All logistics (printing of question paper and OMR sheets, dispatch of question paper and certificates and evaluation) will be done by TERI. Tentative dates are 01 September 2023 and 12 October 2023.

Inclusion of two themes in the paper

- Environment and Sustainable Development
- Environment, Sustainable Development and Green Skills

Development of question papers: Level 1 (Std 4-5), Level 2 (Std. 6-8), Level 3 (Std. 9-10) and Level 4 (Std. 11-12).

School Registration: Similar to pre-COVID times, only school registration will be accepted, This will be undertaken through GO website (<https://teriin.org/olympiad>)

GO Stakeholders' Meeting: Stakeholders are brought together to have a consultative discussion on the flow of the program. This is tentatively planned on World Environment Day 2023 i.e 5th June 2023.

Endorsements: Liaison with the Ministry of Environment, Forest and Climate Change, United Nations University – Regional Centre of Expertise, Kendriya Vidyalaya Sangathan and State Council of Educational Research and Training. New Endorsements are being pursued: Ministry of Education, Government of India, Skill Council for Green Jobs, UNICEF. CBSE to be revived.

Other Allied Activities

WORKSHOP FOR TEACHERS:

The purpose is to build capacity and encourage schools to register their students.

MANAGING GO WEBSITE:

Updates and development of online registration, examination and results frameworks.

OUTREACH THROUGH EEA NETWORKS:

RCE, SDSN, GAP, Eco clubs, ENVIS, TERI's regional centers, TERI's existing projects, KVS, T-SAS, Nehru Planetarium, IRIS Fair.

MEDIA & OUTREACH:

Social media campaigns, video tutorials before and during registration is live.

WORKSHOP FOR REGISTERED STUDENTS:

Introducing thematic knowledge and examination format.

PRIZE AT STATE / NATIONAL / INTERNATIONAL LEVEL:

Organizing of Prize Distribution Ceremony at New Delhi.

POST REGISTRATION SERVICES:

Problem solving of schools, students, parents, handling of GO mailbox, website updates, solving queries, etc

DEVELOPMENT OF DATABASE:

Compilation of school data through secondary sources.

Tentative Annual Timeline

Activities	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24
Ideation, internal meetings, drafting of the proposal, vendor finalization	█	█										
Drafting of letters, meeting with like minded org, for seeking endorsements	█	█										
School Principals' Forum			█									
Development of question bank	█	█										
Editing, typesetting and printing of question paper			█	█								
Dispatch of question paper					█	█						
Registration form, meeting with IT and alignment with Accounts	█	█										
Registration is live			█	█	█							
Workshop for teachers				█	█							
GO Examination							█	█				
Evaluation and printing of certificates									█	█		
Dispatch of certificates										█	█	
GO4Youth Examination											█	
WSDS and prize distribution												█
Final Report												█
Website and social media updates	█	█	█	█	█	█	█	█	█	█	█	█
State driven outreach activities		█	█	█	█	█						
Coordination with GO Coordinators		█	█	█	█	█						

Prizes

- e-Certificates for all the participants (in 3 categories - Distinction, Merit and Participation)
- Book vouchers for 18 Global Winners
- Book vouchers for 71 Country Winners.
- e-Certificates for teacher coordinators.
- Internship opportunities for top scoring students.

GREEN Olympiad: Global Winners

GREEN OLYMPIAD



Aanya Jaiman
Cambridge School,
Ghaziabad



Prarthana Anand Jyoti
New Horizon Gurukul,
Bengaluru



Sanidhya Das
Presidency School,
Bengaluru



Daiwik
Amity International School,
Noida



Anshika Ghosh
Bhavan's Gangabux Kanoria
Vidyamandir, Kolkata



Mahroof Ahmed Khan
DAV Public School,
Bhubaneswar



Samarjit Das
Delhi Public School,
Ahomgaon, Guwahati



Aditya Arun Kartha
Smart Indian School,
Farvaniya, Kuwait



Gowtham S
DAV Boys Senior Secondary School,
Gopalapuram, Chennai



Shreyanshu Ghosh
Delhi Public School,
Bokaro Steel City



Shravani Raju Dhawane
School of Scholars,
Amravati



Agrat Chakraborty
Delhi Public School,
Ahmedabad

Name	School	Name	School
Faisal Nurul Aman Shaikh	Abu Dhabi Indian School, Abu Dhabi	Ch Yuvansh	Pragathi Central School, Kukatpally, Hyderabad
Fazl Al Haque A M	Gems Our Own Indian School, Dubai	Anushka Sharma	Sardar Patel Vidyalaya, New Delhi
S Patricia Jane	Al Yasmin International School, Riyadh	Nayana Renjith	Delhi Private School, Sharjah

GREEN Olympiad: Country Winners



Prestha Jain
Indian Public High School,
UAE



Abhav Deshmukh
Birla Public School,
Qatar



Parthiv Prasad
MES Indian School,
Qatar



Janhavi Balaji
Global Indian International
School, Singapore



Badar Unnisa
India International School,
Kuwait



Aishwarya Lakshmi Sakthivel
The New Millennium School,
Bahrain



Vishnu Balram
Indian Education School,
Kuwait



Geethika Lal
Indian School Nizwa
Sultanate of Oman



Nileena Mariam Jonesh
GEMS Millennium School
UAE



Bhuvan Saravanan
Birla Public School,
Qatar



Naiyar Ahmad
Indian School Al Ghubra,
Sultanate of Oman



Mysha Fathima
Birla Public School,
Qatar



Leah Elizabeth Varghese
Global Indian International School,
Singapore



Bhavya Sunil
DPS Modern Indian School,
Qatar



Rida Irum
Birla Public School,
Qatar



Diya Ameen
Al Yasmin International School,
Kingdom of Saudi Arabia



Advait Jainkumar
Indian Educational School,
Kuwait

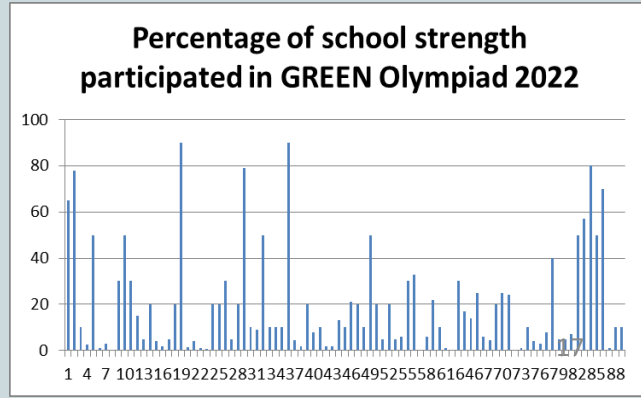
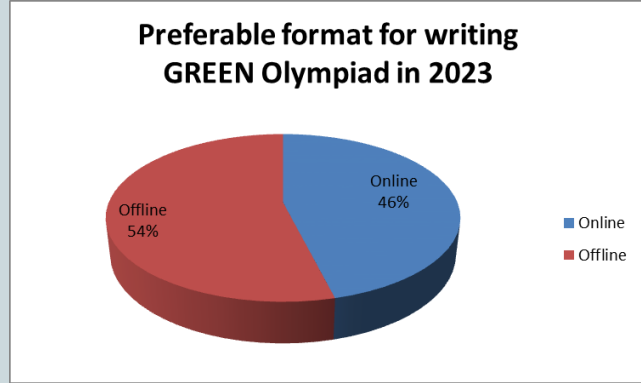


Lea Janahi
IBN Khuldoon National school,
Bahrain

Excerpts of Feedback received from Teachers

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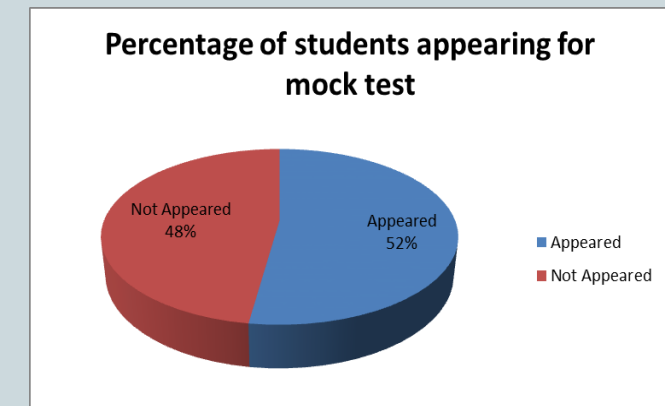
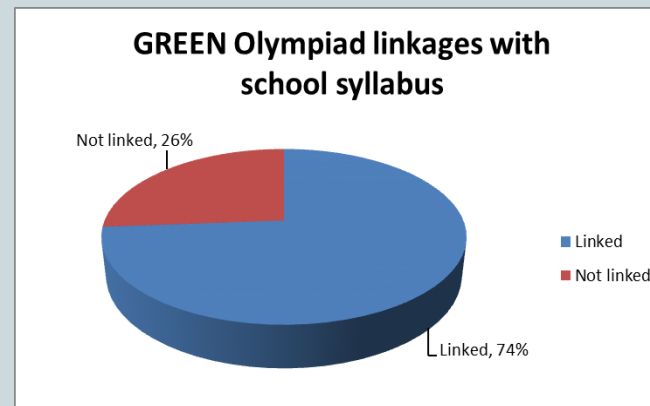
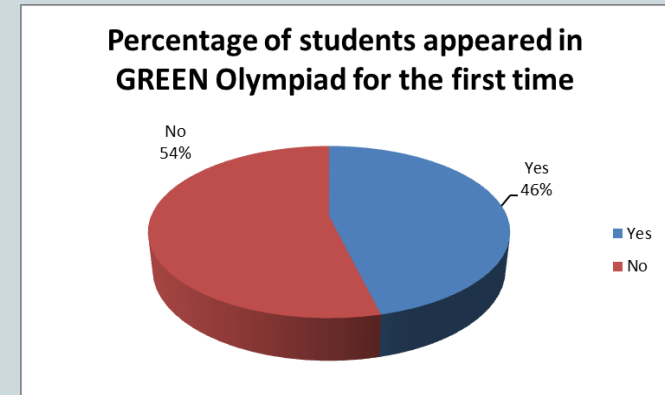
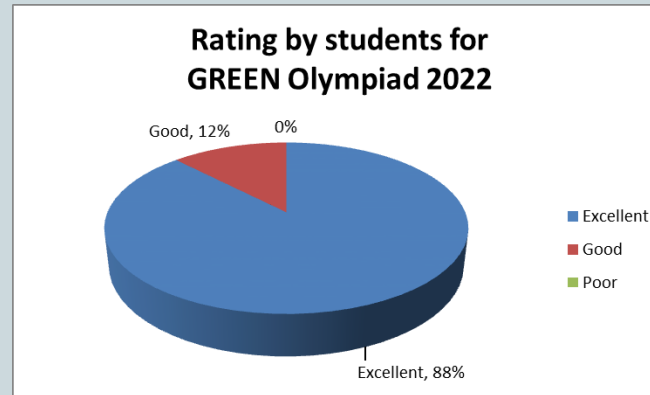
- In 2023, preferred method that can be adopted is offline
- Best months to schedule GREEN Olympiad in 2023 is August – September or October – November. Hence finalized the date as 01 September and 12 October 2023
- At an average, ~20% strength of the school registered for GREEN Olympiad in 2022
- The question paper is moderately difficult.
- By participating in GREEN Olympiad, schools are adopting various actions to promote environment literacy, such as formation of eco clubs, enhancing capacity of its members to initiate actions within schools for environment conservation, draw linkages into the curriculum, enhance peer to peer learning, etc.



Excerpts of Feedback received from Students

Inferences:

- 88% students rated GREEN Olympiad as 'excellent.
- GO 2022 reached out to 46% new students.
- Best months to schedule GREEN Olympiad in 2023 is October – November.
- Mock test was popular with students.



Impressions

By Gyanvi Jain, Std. 10
Student of Atomic Energy Central School,
Indore, Madhya Pradesh (2022)



A symbol of hope

A ray of light

***Green Olympiad** shines so bright*

Inspiring the youth to take a stand

For the environment and our precious land

With every question knowledge is gained

And love for nature is firmly ingrained

Let us try to keep our Earth green

For a better future

And a world that is clean.

Thank You

Environment Education & Awareness
TERI

GREEN OLYMPIAD

**Transitioning Environment Learning:
GREEN Olympiad, from Awareness to Action!**