

APRIL
2026

NEWSLETTER

**GOAL 16: PEACE, JUSTICE AND
STRONG INSTITUTIONS**

(Sustainable Development Goals)



OPG WORLD SCHOOL
Sec 19 B Dwarka

OVERVIEW OF SUSTAINABLE DEVELOPMENT GOALS

- The 70th Session of the UN General Assembly held on 25th September 2015 adopted the Sustainable Development Goals (SDGs) with 17 goals and 169 targets, under the official agenda “Transforming our world: the 2030 Agenda for Sustainable Development”. India is a signatory to this landmark agreement.



70 Session of UN General Assembly, New York , 25th Sept.2015

- Officially, the SDGs came into effect from 1st January 2016.
- Member Countries have the responsibility for follow-up and review the progress made in implementing the goals and targets.
- SDGs is an inter-governmentally agreed set of goals relating to international development which aims at meeting the needs of the present without compromising the ability of future generations to meet their own needs.

17 GOALS OF SDG



WHAT IS GOAL 16

PEACE, JUSTICE AND

STRONG INSTITUTIONS



Sustainable Development Goal 16 (SDG 16) focuses on promoting peaceful and inclusive societies, ensuring access to justice for all, and building effective, accountable, and inclusive institutions at all levels. It aims to reduce violence, strengthen the rule of law, and protect fundamental human rights to support sustainable development.

WHY IT MATTERS?

Promotes Peaceful Societies: Reduces violence, conflict, and insecurity, creating safe and stable communities.

Ensures Access to Justice: Guarantees fair and equal legal systems for all individuals.

Strengthens Rule of Law: Upholds laws and protects human rights, ensuring accountability and fairness.

Reduces Corruption: Encourages transparency and ethical governance in public institutions.

Supports Inclusive Development: Ensures equal opportunities and participation for all sections of society



KEY MONITORING ASPECTS OF SDG 16?

Levels of Violence and Crime: Monitoring rates of violence, crime, and conflict within communities.

Access to Justice: Assessing availability and effectiveness of legal aid and judicial systems.

Corruption and Transparency: Measuring corruption levels and transparency in public institutions.

Public Participation: Monitoring citizen engagement in decision-making processes.

Rule of Law and Human Rights: Tracking protection of fundamental rights and equality before the law.

Trust in Institutions: Assessing public confidence in government and justice systems.

SUCCESS STORIES

Reduction in Violence and Conflict: Several countries have successfully reduced crime and violence through community policing and conflict-resolution programs.

Strengthening Judicial Systems: Digital courts and fast-track justice systems have improved access to justice and reduced case backlogs.

Anti-Corruption Initiatives: Transparency portals and e-governance systems have helped reduce corruption and improve accountability.

WHAT ARE THE CHALLENGES FACED IN SDG 16?

Violence and Conflict: Ongoing violence, crime, and conflicts threaten peace and social stability.

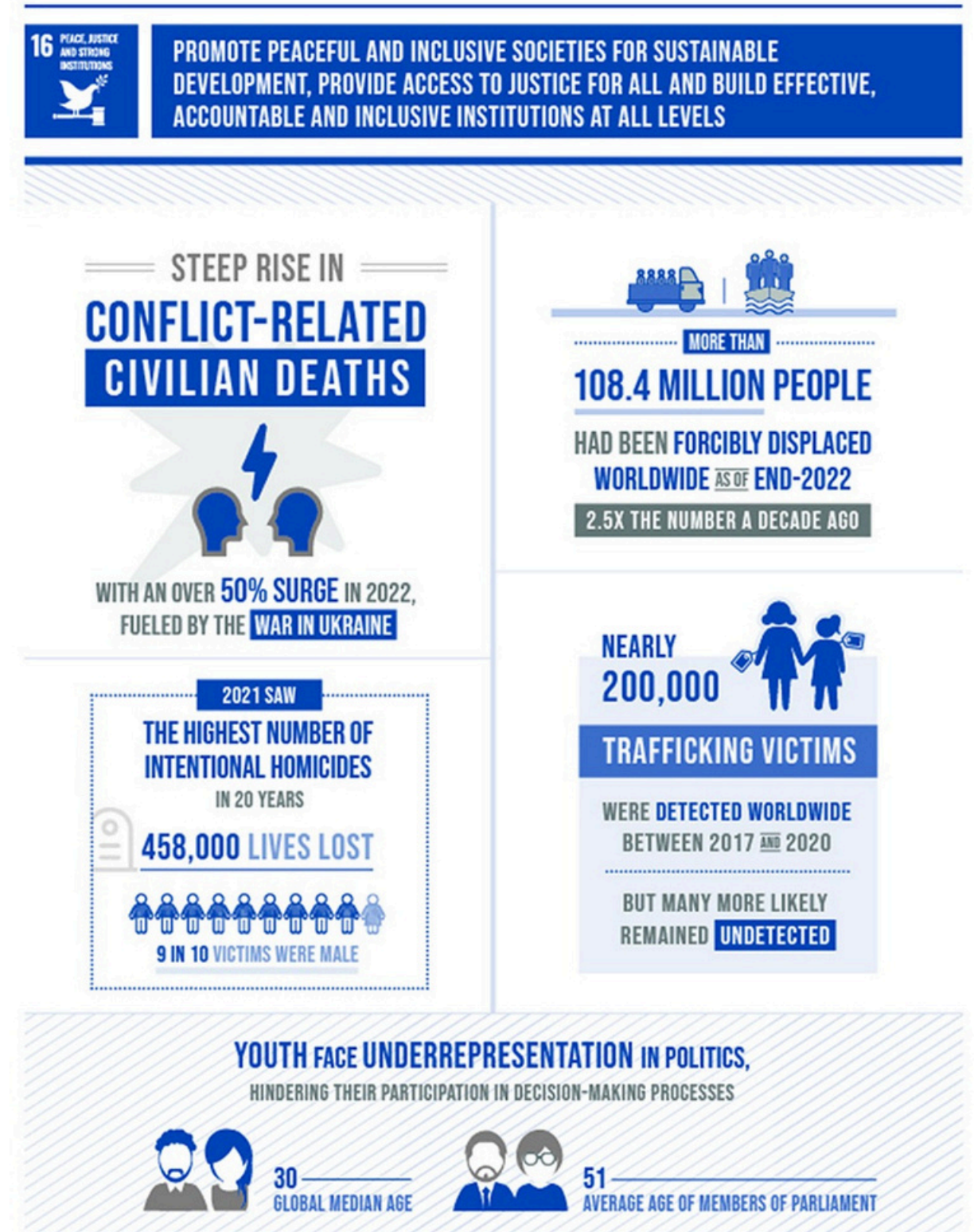
Corruption and Lack of Transparency: Corruption weakens institutions and reduces public trust in governance systems.

Weak Justice Systems: Delays, limited access, and inefficiencies prevent fair and timely justice.

Human Rights Violations: Discrimination and abuse undermine equality and the rule of law.

Limited Access to Legal Services: Vulnerable and marginalized groups often lack legal awareness and support.

Political Instability: Unstable governance affects policy implementation and institutional strength.



THE SUSTAINABLE DEVELOPMENT GOALS REPORT 2023: SPECIAL EDITION- UNSTATS.UN.ORG/SDGS/REPORT/2023/

LOOKING FORWARD

"Sustainability is not a choice; it's a responsibility to future generations."
Anonymous



HOW CAN WE MAKE A DIFFERENCE

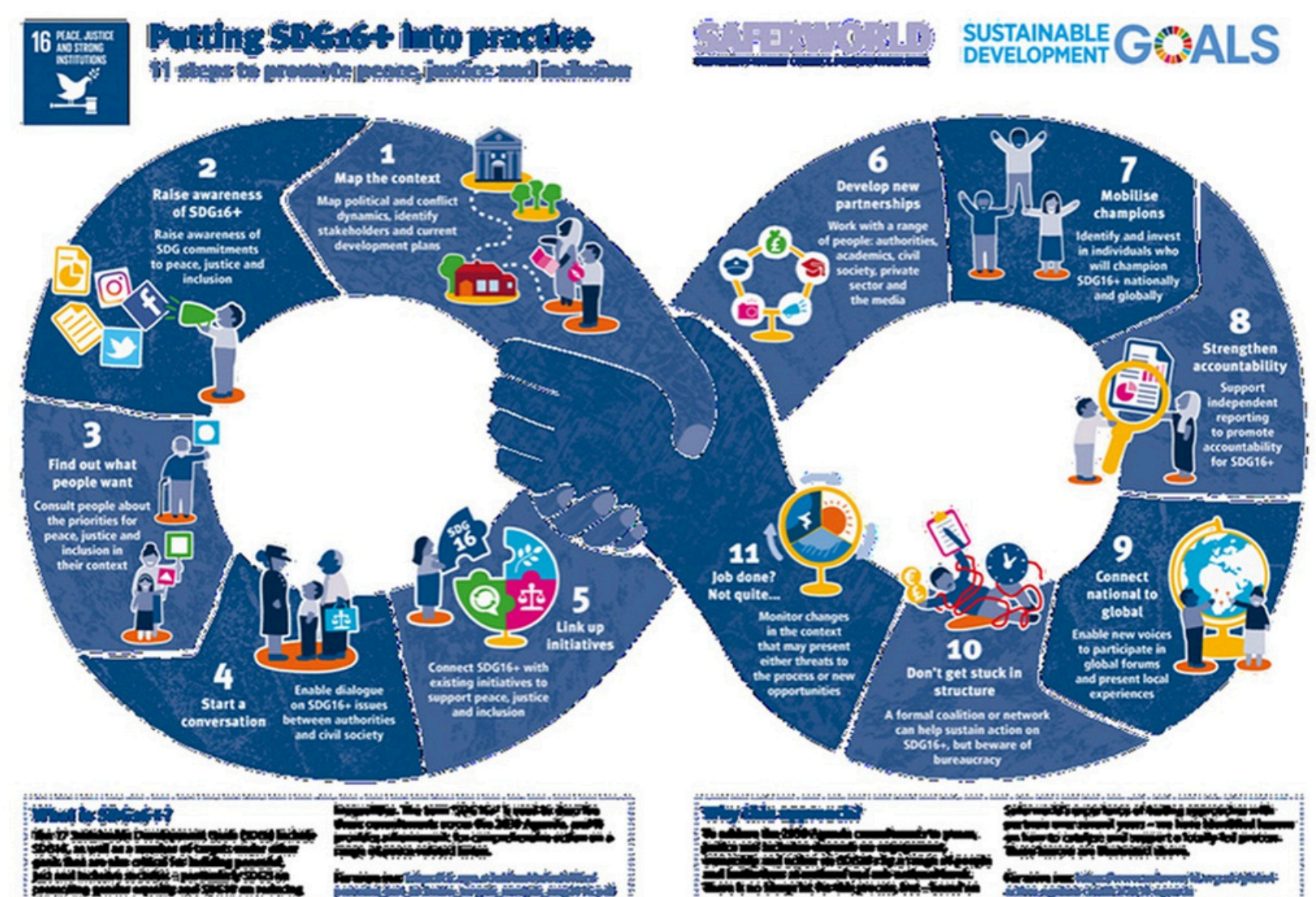
Promote Peace and Tolerance: Encourage dialogue, mutual respect, and non-violent conflict resolution.

Respect Laws and Human Rights: Follow laws, support equality, and stand against discrimination and injustice.

Raise Legal Awareness: Educate communities about rights, duties, and access to justice.

Support Transparency and Ethics: Promote honesty, accountability, and ethical practices in institutions.

Community Engagement: Work together to build safe, inclusive, and just communities.



HOW TO ACHIEVE SDGs

- A localized approach to address the unique challenges and opportunities present at the local level. By building a Local SDG Agenda tailored to gender equality, we can effectively target and implement initiatives that promote women's rights and empowerment.
- Creating an environment where multiple stakeholders—including civil society, private sector organizations, professional associations, and other agencies—actively participate in gender-focused initiatives is crucial. These collaborative efforts can drive meaningful change and ensure that diverse perspectives and resources contribute to gender equality.
- Conducting a situation assessment to identify development gaps and needs related to gender inequality is essential. By setting priorities at the local government and district levels, we can formulate targeted SDG-wise planning that addresses specific gender issues. Aligning existing budgets, schemes, and programs with relevant SDG 5 targets will further enhance our efforts to achieve gender equality in our state.



ABOUT

STEMROBO TECHNOLOGIES



STEMROBO provides 'End-To-End Solution to K-12 Schools' for 'Nurturing Innovation & 21st Century Skills' among young students of age 6-18 years across the globe. We offer young students an opportunity to explore, experience and bring innovation through a world class STEAM, Artificial Intelligence, Robotics & Coding curriculum integrated with our unique & affordable 'Technology Products and Solutions' delivered in an online or hybrid model; thereby enabling and empowering students to be able to become Creative - Thinkers and Problem - Solvers. Together, let's unlock the potential within each student, ignite a passion for Innovation, Creativity & Learning, and pave the way for a brighter tomorrow.

IMPORTANCE OF STEM EDUCATION FOR KIDS

The term "STEM" typically refers to a group of academic disciplines that are focused on science, technology, engineering, and mathematics. It prepares them for the future by building problem-solving skills, encouraging curiosity and exploration, fostering collaboration and communication skills, and addressing global challenges that require STEM principles for their solution.



STEMROBO TECHNOLOGIES

Innovation, Creativity & Learning

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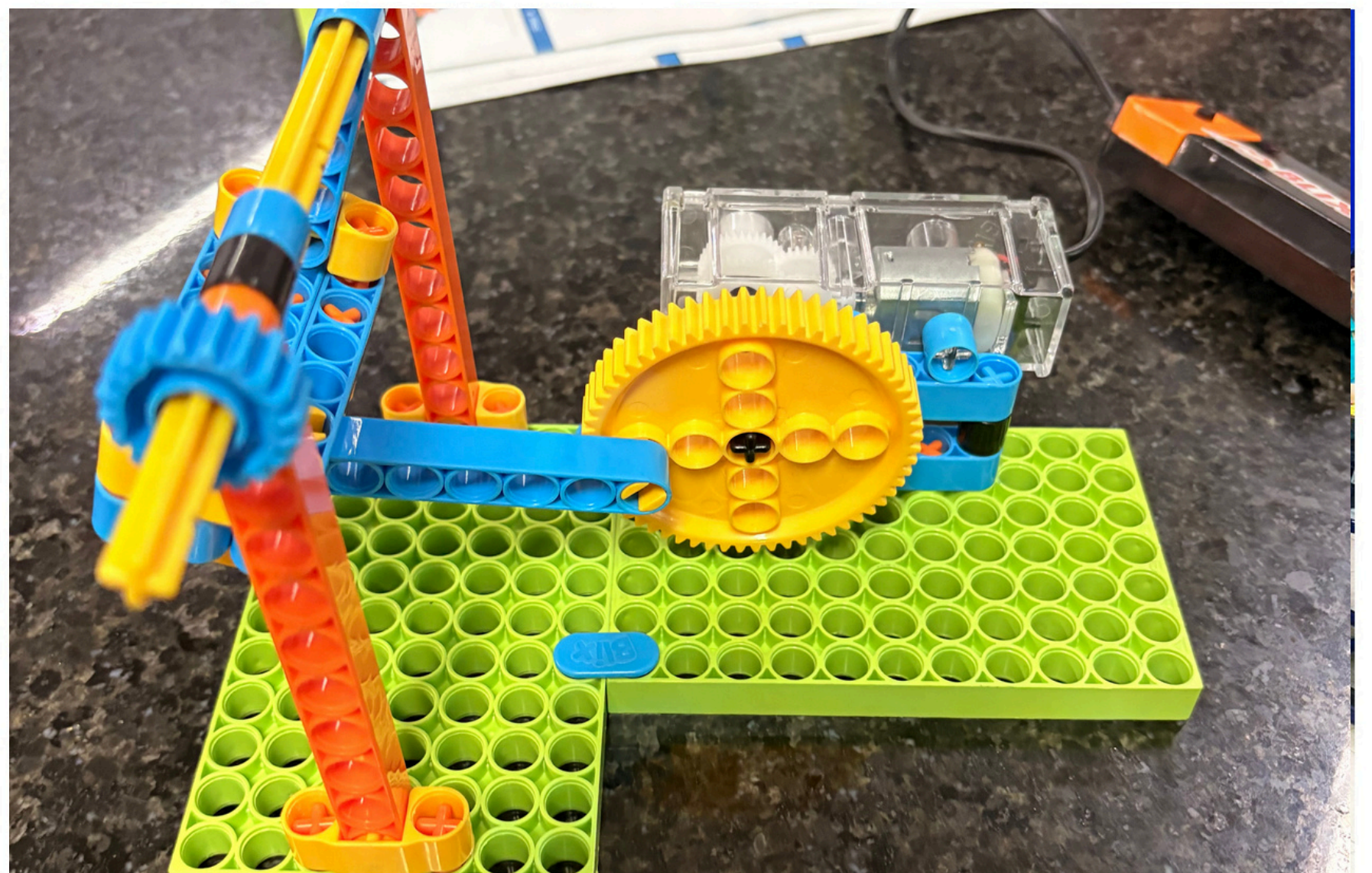
www.stemrobo.com

Mission

Our mission is to build an ecosystem focused on leveraging technology in education where **STEAM, Robotics, Coding, Artificial Intelligence & AR/VR** are utilized as crucial tools for kids to become smart in their academics and be able to solve modern world problems.

Vision

The company's vision is to nurture innovation and 21st century skills in K-12 students across the globe and prepare them for the future technological world. We are on a journey which will help every student to elevate core skills like **Logical Thinking, Creativity, Computational Thinking and Problem - Solving**.



About Robotics Lab



The Robotics Lab is a special workspace where students can learn, try new things, and turn their ideas into real working models. It is built to spark creativity and go beyond just memorizing lessons - encouraging students to explore modern skills like designing, thinking logically, learning through experience, and understanding artificial intelligence.

The lab is packed with advanced tools and equipment such as 3D printers, robotics kits, and electronic parts, giving students a practical, hands-on way to learn science, technology, engineering, and math (STEM). The main aim is to help students develop strong problem-solving and critical thinking skills from a young age. By supporting experimentation and new ideas, the lab hopes to inspire the next generation of creators and entrepreneurs, getting them ready for future opportunities and helping push India's technology and innovation forward.



E-Waste Recycling: Less than 20% of the world's e-waste is formally recycled.

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GLIMPSE OF ACTIVITIES

Grade 3rd

- Students developed a stronger understanding of basic shapes, balance, and structural stability through hands-on, practical activities.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- It enhanced their creative thinking and problem-solving skills as they planned and constructed different models.
- **Activity**
- build different objects using funlinker kit.
- build smart car using basic construction kit.



Food Waste: If food waste were a country, it would be the third-largest greenhouse gas emitter.

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GLIMPSE OF ACTIVITIES

Grade 4th

- Students developed a stronger understanding of basic motor working, and rotation motion comprehension.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- It enhanced their creative thinking and problem-solving skills as they planned and constructed different models.
- Students were introduced to basic construction kit and they build Waving robot.
- **Activity**
- Students build a Waving Robot.
- Students build a Power Pounding Machine model.



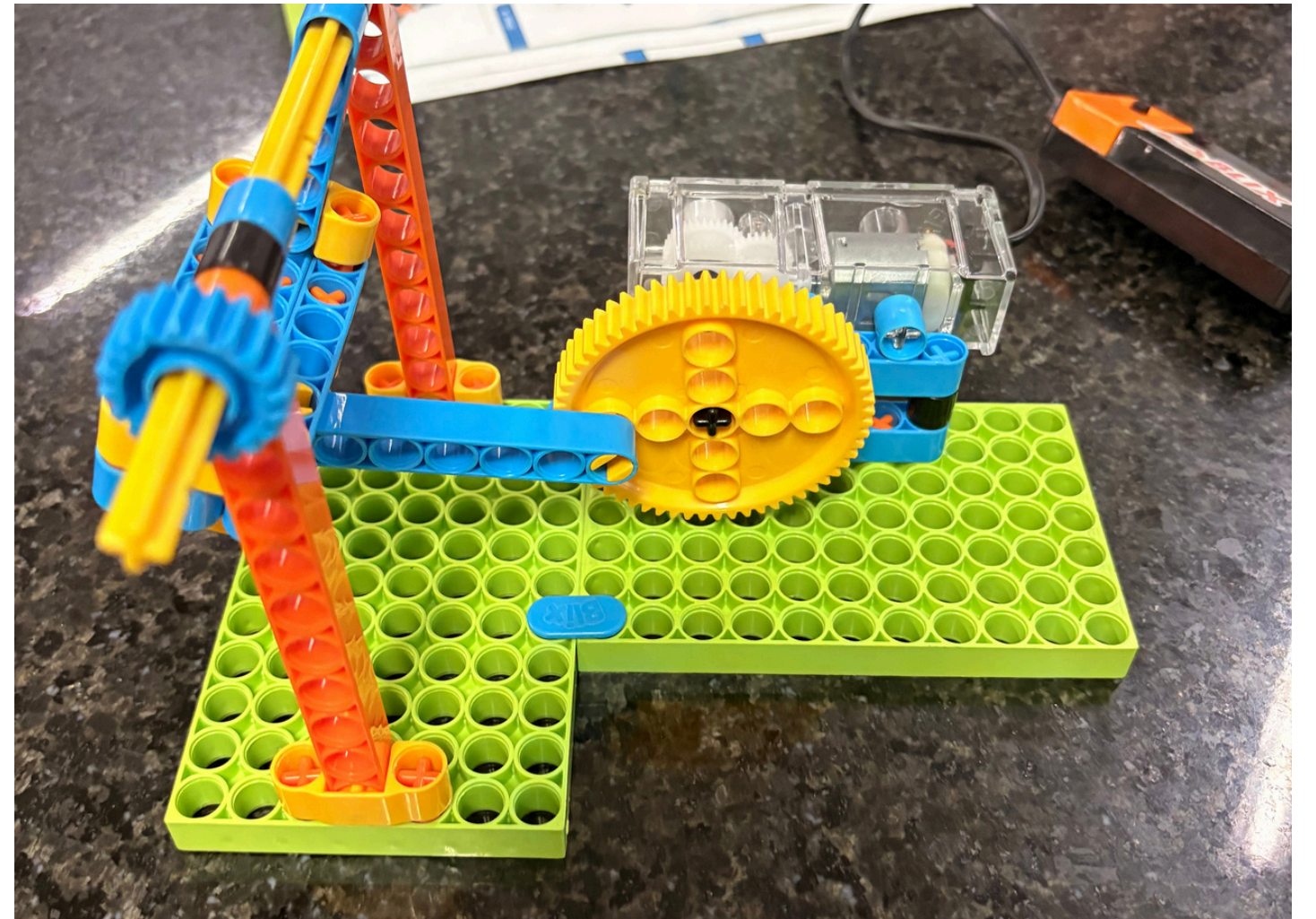
Fashion Industry Impact: The fashion industry is responsible for 10% of global carbon emissions.

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GLIMPSE OF ACTIVITIES

Grade 5th

- Students developed a stronger understanding Design, mechanics, & creativity through assembling and exploring movement principals.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- Students build motorized swing, grasp periodic motion types via block-based construction kit, fostering hands-on understanding.
- **Activity**
- Swing model using basic construction kit.
- Basic car, using basic construction kit.



Renewable Energy Potential: Solar energy can power the entire world's electricity needs with just 0.3% of the Earth's land.

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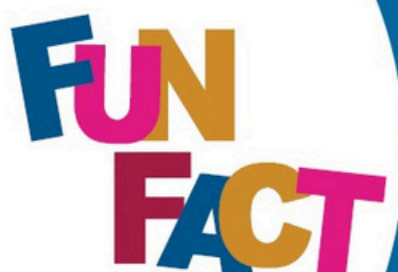
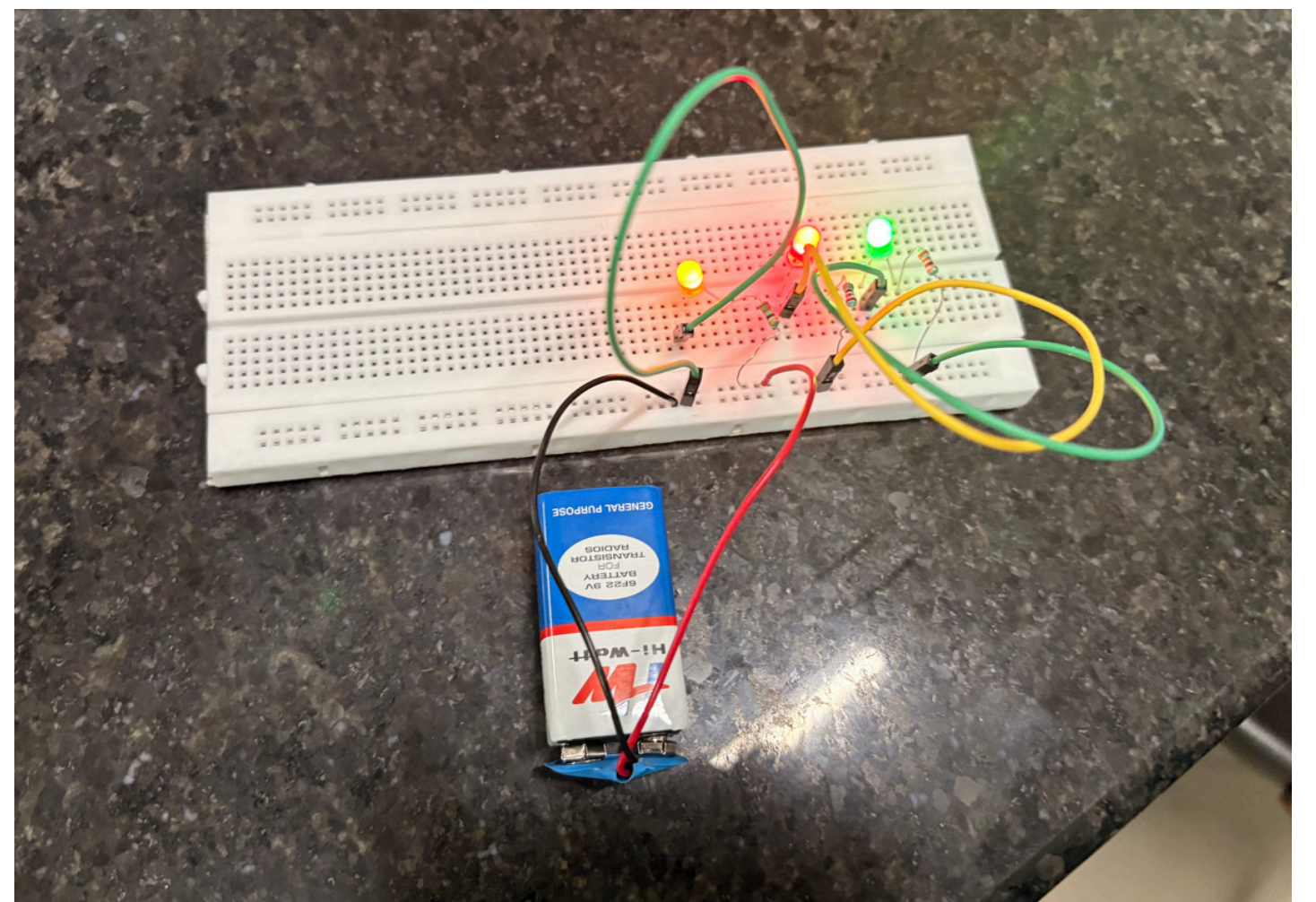
GLIMPSE OF ACTIVITIES

Grade 6th

- Students developed a stronger understanding of basic electronics components.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- It enhanced their knowledge of components by doing live activity on basic electronics kits.
- Students constructed a circuit model of glowing led, using bread board, led and 9v batteries.

• Activity

- Glowing Led using basic electronics kit.
- making door bell, using basic electronics kit.



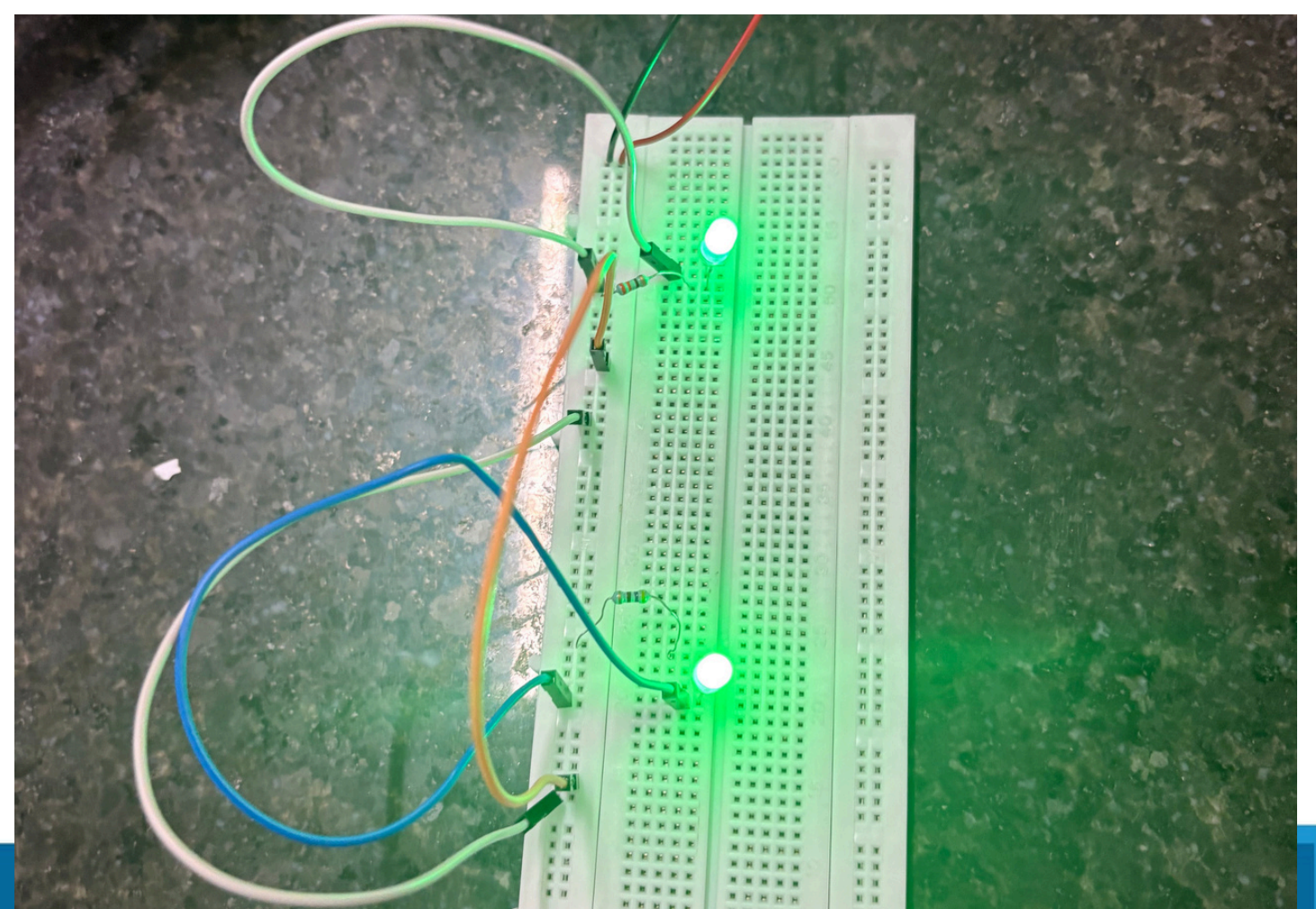
Plastic Bags: A single plastic bag can take up to 1,000 years to degrade.

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GLIMPSE OF ACTIVITIES

Grade 7th

- Students developed a stronger understanding of basic electronics components.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- Students learn about how to use breadboard, for construction of smart electronics projectes.
- Students build a voltage divider circuit using basic using breadboard.
- **Activity**
- Making a light dimmer ciricut.
- Voltage Divider Circuit.



**FUN
FACT**

Circular Economies: These systems focus on reusing and recycling materials, aiming to eliminate waste.

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GLIMPSE OF ACTIVITIES

Grade 8th

- Students developed a stronger understanding of basic electronics components.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- It enhanced their creative thinking and problem-solving skills as they planned and constructed different models.
- Students were introduced to breadboard kit, to modulate fan speed, teaching circuitry and electronics basics.
- **Activity**
 - Control Fan Speed
 - Mood Lamp



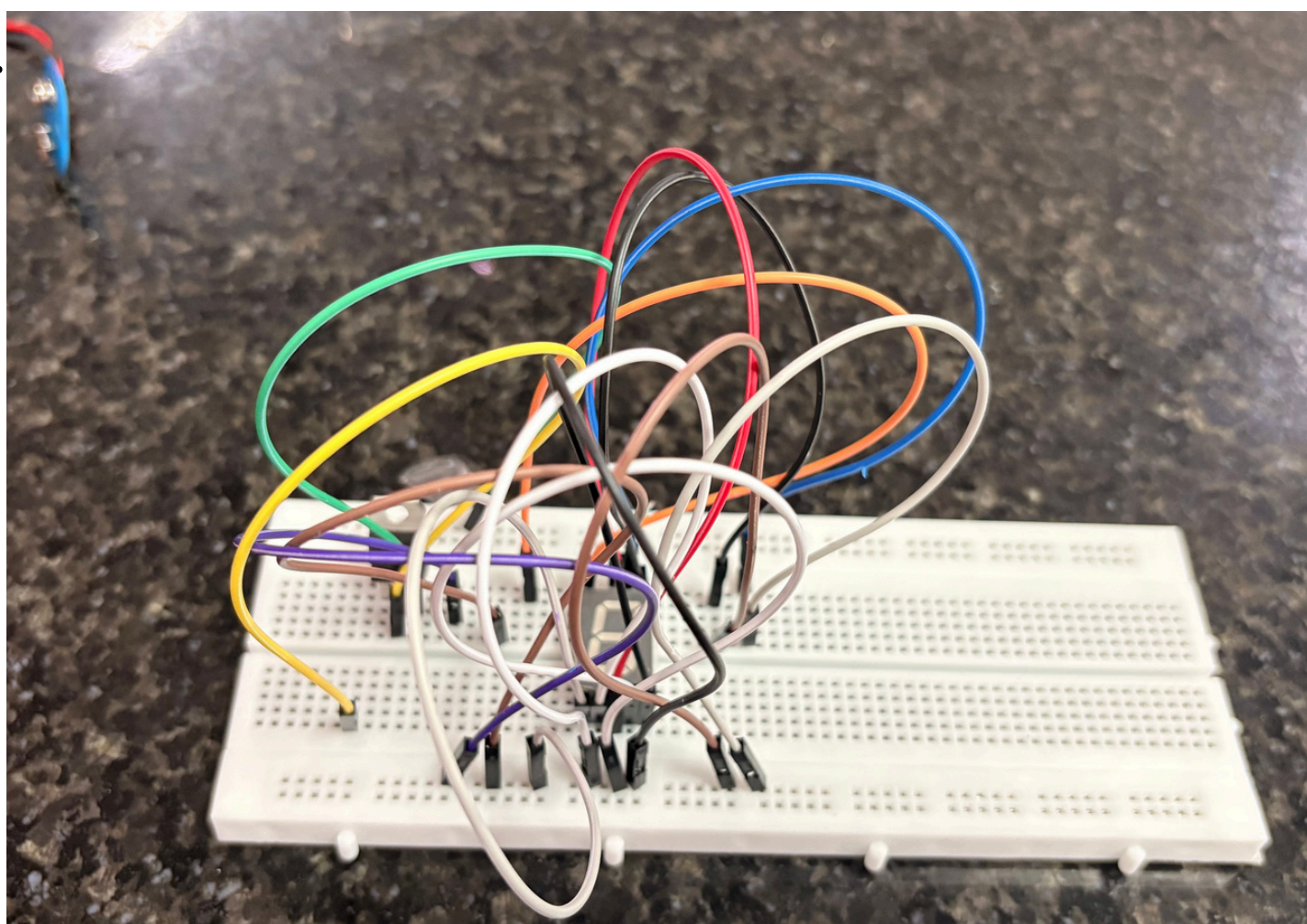
Circular Economies: These systems focus on reusing and recycling materials, aiming to eliminate waste.

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GLIMPSE OF ACTIVITIES

Grade 9th

- Students developed a stronger understanding of basic electronics components.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- The Smart Elevator Floor Indicator activity introduces students to seven segment display systems used in modern buildings. learners experience how elevators communicate movement and information to users.
- **Activity**
- Smart Elevator floor indicator.
- Two Finger Touch lamp.



**FUN
FACT**

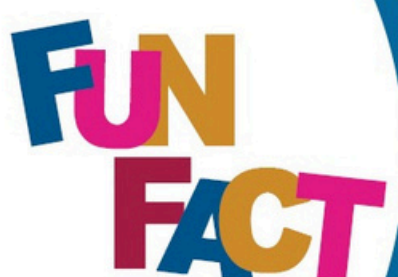
Circular Economies: These systems focus on reusing and recycling materials, aiming to eliminate waste.

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GLIMPSE OF ACTIVITIES

Grade 10th

- Students developed a stronger understanding of world of electronics by learning how to regulate the speed of a fan.
- The session fostered teamwork and collaboration, encouraging students to exchange ideas and work cooperatively.
- students create a smart water level monitoring system using transistors. Without coding, they learn electronics principles to measure water levels accurately.
- **Activity**
- Control the Fan Speed.
- Smart water level monitoring



Circular Economies: These systems focus on reusing and recycling materials, aiming to eliminate waste.



THANK YOU



CONTACT US

STEMROBO Technologies Pvt Ltd

B-32 Sector-63, Noida-201301

1800 120 500 400

Visit our website– www.stemrobo.com