



SUSTAINABLE DEVELOPMENT GOALS



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1.



THE GLOBAL GOALS

STAKEHOLDERS OF A SHARED PLANET



The world we inherit is changing rapidly.

Even though the current century is one of the most prosperous the planet has ever seen, we are far from achieving a truly empowered world that is inclusive, equitable, and sustainable, for all people, everywhere. Not only are we facing the detrimental effects of climate change and environment degradation, but we are also battling social injustices, economic disadvantage, political uncertainty and more. At the same time, we are also facing unprecedented growth in urbanization, production and consumption, which is not sustainable in the current scenario. If we continue unchecked, in this manner, it is uncertain how long we may be able to sustain ourselves before an inevitable implosion.

The good news is that the future is ours to build!

The global community has recognized the need and urgency of making a conscious effort towards defining the future we want, and of actively working towards achieving that future. Understandably, this is a mammoth undertaking, and one that will require collaborative action from all of us, as stakeholders of a shared planet.

The question is:

Will you play your part?

“Be a global citizen. Act with passion and compassion. Help us make this world safer and more sustainable today and for the generations that will follow us. That is our moral responsibility.”

Ban-Ki-Moon,
Former Secretary-General
of the United Nations



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE DEVELOPMENT GOALS



On the 25th of September, 2015, the entire world, represented by 193 world leaders, expressed their commitments to achieving the United Nations Sustainable Development Goals (SDGs), with three extraordinary objectives: to end poverty, fight inequality, and tackle climate change, by the year 2030.

The Sustainable Development Goals comprise 17 goals on a vast variety of themes ranging from the eradication of poverty and hunger, to encouraging sustainable consumption and environment conservation.

By developing people, protecting the planet, fostering peace, ensuring prosperity, and engaging in collaborative partnerships, the Goals take a comprehensive view of the complexities of our global challenges, and provide an optimistic framework to build a future that is inclusive, equitable, and sustainable, for all people.

This, is the future we want.



People



Planet



Peace



Prosperity



Partnership

“Sustainable development requires human ingenuity.
People are the most important resource.”

Dan Shechtman,
Nobel Laureate

WHO ARE THE GOALKEEPERS?



Under the Sustainable Development Goals framework, all 193 member countries of the United Nations have already made international and local commitments towards achieving specific targets within the goals, and of providing overall support to the 2030 agenda. Many nations have already made considerable progress, while others are continuously improving their efforts. Unfortunately, however, that may not be enough to actually achieve all the goals.

The Asia-Pacific region which accounts for over 60% of the world population, for instance, is on track to meet only one out of the seventeen global goals by the year 2030. This is only further evidence that achieving the Sustainable Development Goals will not be easy. Ushering in a redefined future will require the collaborative effort not only of national governments and international agencies, but also of private organizations, civil society, non-governmental organizations, and individual members of society, including the youth and students.

In order to fully realize the goals, we will all have to play our part by becoming Goal-keepers, in advocating, implementing and championing the Goals!



“We live in a complex world. The United Nations cannot succeed alone. Partnership must continue to be at the heart of our strategy. We should have the humility to acknowledge the essential role of other actors, while maintaining full awareness of our unique convening power.”

Antonio Guterres,
Secretary-General of the
United Nations

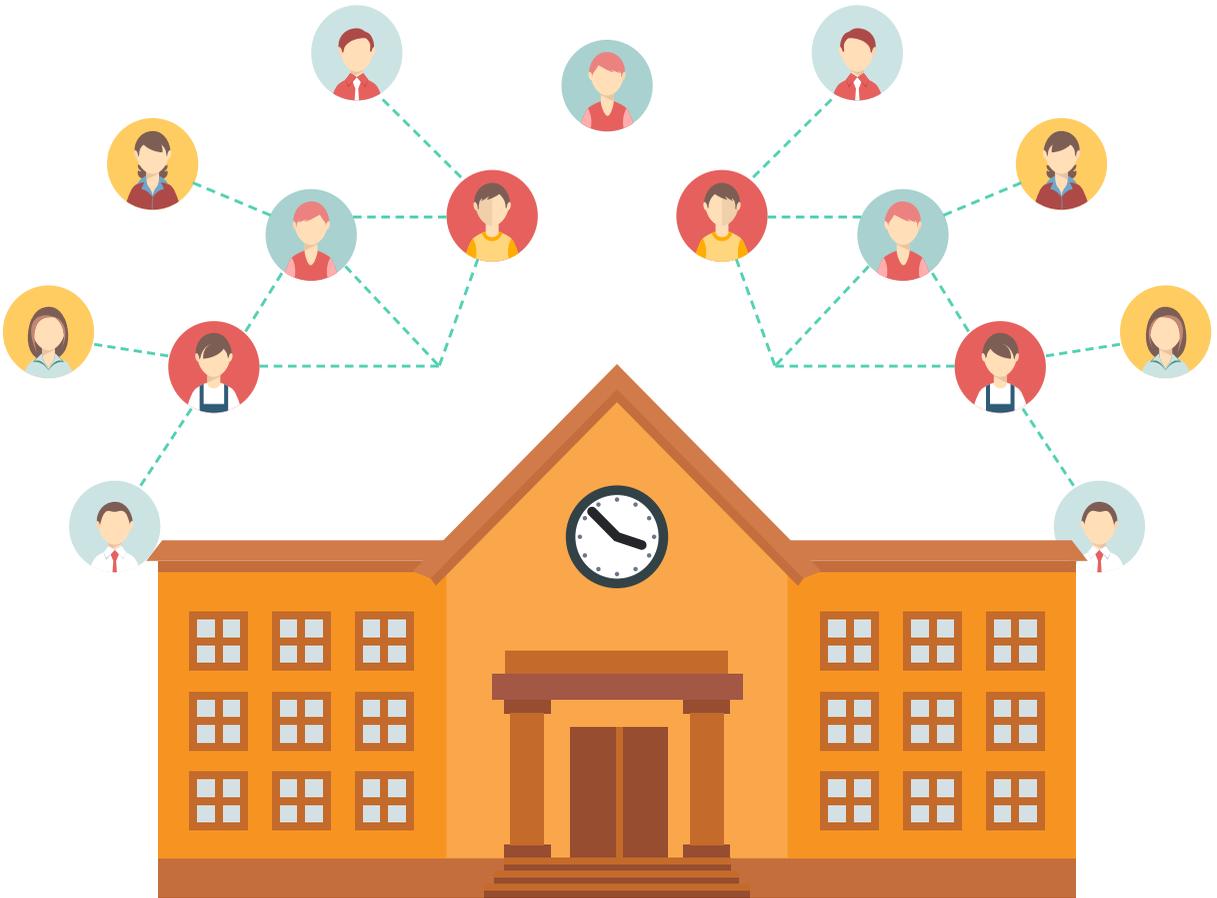


2.



SCHOOLS FOR SDG's

SCHOOLS AS PRIMARY ENGINES OF POSITIVE CHANGE



DID YOU KNOW that schools can become some of the strongest goalkeepers for the Sustainable Development Goals by driving positive change in their immediate communities? Schools hold immense power by virtue of the communities and resources that they converge, and are perfectly positioned to catalyse the sustainable development agenda!

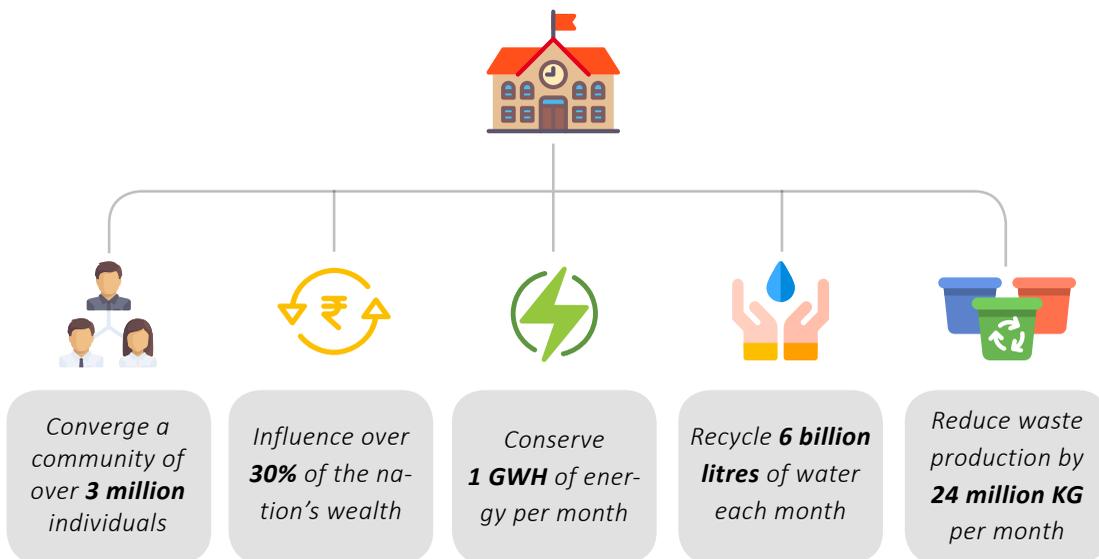
This is only the tip of the iceberg in understanding the influence that schools can have on their immediate communities and doesn't account for the primary role of the school: nurturing a new generation of young students into becoming global solvers! It is our belief that schools can become the primary engines of positive change in the community, both local and global, and can converge one of the strongest communities – the youth – in working towards the Global Goals!

"All the SDGs come down to education..."

Malala Yousafzai,
Activist

Can we reimagine schools as goalkeepers for the Sustainable Development Goals, and place them at the centre of the 2030 agenda?

The Power of 500 Schools can



**Data is calculated assuming 1500 students per school, with an average family size of 4, from the top 500 schools in the country. It is assumed that each school can conserve 2000 kWh of energy per month and has an average consumption of 250 litres of water and 1 KG of solid waste per person per day.*

#SchoolsForSDGs



"It is not enough to be compassionate – you must act."
- His Holiness The Dalai Lama

The #SchoolsForSDGs campaign is a global movement to aid the realization of the immense potential power that schools hold in catalysing the sustainable development agenda for 2030, by fully leveraging the communities and resources that schools converge. The initiative is aimed at promoting awareness and understanding of the Global Goals, and at encouraging schools to take measurable action towards achieving them, by empowering and enabling schools through knowledge resources, incentive programs, and community engagements.



There are many different ways in which schools can engage with the sustainable development goals, including advocating, implementing and championing the goals. At the heart of each of these, is the focus on introducing the Global Goals to the school's student community, and on engaging students in taking concrete action towards the Goals.

This action kit includes all the information that you will need to get started on your journey to making your school into a primary engine of positive change for the sustainable development goals! It contains various knowledge resources, and action plans that schools can undertake, at various levels of commitment, as per the school's discretion and capacity.

WHY ACT TOWARDS THE SDGs?





The most primary reason that anyone should act towards achieving the sustainable development goals is, of course, that of being able to contribute towards the development of a world that is sustainable and prosperous, for all people. However, this is not the only benefit of engaging with the goals.

We are perhaps at the brink of a sustainability revolution, with more and more businesses, governments, and individuals moving towards making more sustainable choices regarding their production or consumption patterns, and dedicating more time and resources towards creating an equitable, just, inclusive and sustainable world, for all people. This means that there is a strong non-moral imperative for students to engage with the Global Goals, as it is highly likely that some of the most flourishing careers of the future, will come from the fields of sustainability, environment, and sustainable development. Even those organizations, businesses or industries that do not directly engage in such themes, will have to recognize their impact on the planet, and work towards making it a positive one.

Furthermore, the Global Goals are of such a nature that advocating, implementing or championing them brings with it a whole host of ancillary benefits including skill development, sustainability education, extra-curricular and co-curricular opportunities, and community engagement.

Unfortunately, however, mere awareness is not adequate, as we have repeatedly seen that students are usually unable to develop an honest curiosity and passion for the Goals without undertaking concrete initiatives that go beyond an academic understanding of the goals. To truly provide students with the benefits of engaging with the goals, we must empower them not only with the knowledge that they require, but also with the skills, attitudes and behaviours that they will need to act on their knowledge. Engaging the goals in an experiential manner can afford these opportunities to students, and as such, we believe that acting towards achieving the SDGs is the most effective way of engaging students in understanding and learning about the Global Goals, and of unlocking all the benefits that this brings with it.

ACT TO IMPACT



Roadmap to SchoolsForSDGs



Introduce the Global Goals to your school community



Advocate, Implement or Champion the Goals



Showcase your journey and share it with us!



Showcase your school's commitment to developing a future that is inclusive, equitable and sustainable, for all people



Engage your student community in learning about the Global Goals and about Sustainability & Sustainable Development



Expose students to the United Nations, and build an understanding and awareness of the international system and the general state of the world



Enable students to develop critical skills like teamwork, communication, research and leadership, while also instilling values of empathy, compassion and sustainability



Access unconventional extracurricular and co-curricular activities and opportunities for the student community
Participate in a global network of schools, individuals, organizations, governments and more, that are working towards the Global Goals



Develop a comprehensive knowledge base through case studies, best-case practices and other knowledge resources

"We cannot permit ourselves to postpone certain agendas for the future. The future demands of us critical and global decisions in the face of worldwide conflicts which increase the number of the excluded and those in need."

– Pope Francis



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**RESOURCES &
ACTIVITIES**

INTRODUCING THE GLOBAL GOALS



It's a job that's never started that takes the longest to finish
- J.R.R. Tolkien, Author



The first step in acting towards the sustainable development goals must be to **introduce the goals and the 2030 agenda to the school community**, which primarily includes only the student body, but also the faculty member, school management, parents, and any other stakeholders.

There is a vast plethora of resources available to introduce the goals to students, which are customised as per age, language, country, demographic, and more, to help you find the most appropriate resource for your student community. We've listed some of the best resources and activities to introduce the goals below, but we also encourage you to go beyond this list as well!

Remember, the objective is not only to help your students understand the specific goals as well as the overall framework of the 2030 agenda, but also to get them to rally around global issues, and build empathy and compassion for the world around them. It is only through this empathy that students will be able to carry forward their initiatives throughout their lives, and as such, the entry point into the SDGs must focus on getting students excited about the world, and the various issues it faces.

A. United Nations Sustainable Development Knowledge Platform



The United Nations Sustainable Development Knowledge Platform (UNSDKP) is the United Nations' official platform for all resources and information about the SDGs and the 2030 Agenda, including details on the specific goals and their related targets, as well as global and national progress reports, and more.

In-Focus: The UNSDKP hosts several newsletters on various sub-themes of the SDGs, which you can subscribe to through your school email client!

<https://sustainabledevelopment.un.org/>

B. World Bank Atlas of Sustainable Development Goals



THE WORLD BANK

The World Bank Atlas of Sustainable Development Goals is an annual publication, developed by the World Bank Group, that tracks the progress on all the goals across the globe. The data draws from the World Development Indicators, and has the most updated information and details.

In-Focus: The World Bank Atlas features specially curated animations, graphics and images to help understand complex data in a simplified manner, which is especially helpful for classroom discussions.

<http://datatopics.worldbank.org/sdgateatlas/>

C. Microsoft Educator Community



The Microsoft Educator Community is an online platform to empower teachers and educators to teach the sustainable development goals in classrooms and schools. The platform hosts a free online course that certifies teachers to teach the SDGs, and covers all the basic information that one needs to start their journey!

In-Focus: The Teaching Sustainable Development Goals Online Course is a one-hour online course for educators that equips them with relevant information and tools to take the SDGs into the classroom!

<https://education.microsoft.com/teachsdgs>



D. The World's Largest Lesson

The World's Largest Lesson is a one-stop digital resource for information about, and resources for teaching the Global Goals. The platform includes animated videos, fully developed lesson plans, interactive web tools, posters and graphics, stories, etc. All the resources are categorized as per the age of the students, as well as the specific themes or goals that they address. In fact, the platform even includes a few cartoons, and an entire series of comic books about the Global Goals! Best of all, everything on the platform is free and available to download.

In-Focus: The series of comics hosted on the World's Largest Lesson are specially curated and designed for the United Nations, and are a fantastic resource to engage younger students in learning about the Global Goals

<http://worldslargestlesson.globalgoals.org/>

E. TeachSDGs

TeachSDGs is a global organization that connects educators working towards the SDGs, hosts free resources and projects, and conducts advocacy and outreach to inform education stakeholders including students, faculty and parents. The organization also regularly trains and certifies TeachSDGs ambassadors, who are then available to guide and assist in projects and initiatives in the global community.

In-Focus: TeachSDGs allows you to connect with local TeachSDG ambassadors who can volunteer their time and knowledge towards assisting your initiatives or projects. You can also apply to become an ambassador for the future!

<http://www.teachsdgs.org/>

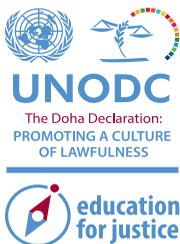


F. Education 4 Justice, United Nations Office on Drugs and Crime

The Education for Justice (E4J) initiative - under the Global Programme for the Implementation of the Doha Declaration - has been developed to create and disseminate education materials in UNODC mandated areas of crime prevention and criminal justice across the primary, secondary and tertiary education levels. Online tools and academic resources will be made available free of charge, while workshops, conferences and symposia will be organized for teachers and academics to learn and exchange ideas and research.

In focus: E4J developed a Resource Guide to support those who organize MUN conferences to incorporate issues from UNODC mandate areas into their conferences, which is available for free!

<https://www.unodc.org/e4j/>







4.

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SDG

ACTIONS

What can you do?



✓ **Converge the School Community!**

Send an official mailer to the entire student community, including teachers, students, parents, staff members and any other school personnel, with information on the sustainable development goals and links to additional details and resources! Make sure that you remember to tell them about the school's commitment to the global goals, and remind them of any other activities or initiatives that you will be undertaking.

✓ **Join the #TeachSDGs Network!**

As an educator, you can get a basic online certification to teach the global goals (the course information is included in the resources mentioned above), and formally associate yourself with the #TeachSDGs network, which is a global network of educators working towards building awareness about the global goals. This certification course will help you gain an in-depth understanding of the goals, as well as equip you to take the goals into your classroom. Student versions of the online course are also available!

✓ **Display the Goals!**

Display the Sustainable Development Goals in your school campus in the form of printed posters and banners, which may be placed on the school notice boards, classroom soft boards, lobby and common areas, etc. All the images, banners, posters and icons of the goals are available on the resources mentioned in this book, and are free to download and use. Alternatively, you can also host a poster competition or art competition, with the theme of the Global Goals, and display the students' posters on the school campus!

✓ **Announce the Goals!**

Host an SDG-themed student assembly in your school, and let students advocate the SDGs in the assembly, to the whole student community. Depending on your time constraints, you may choose to break up the assembly into a few different sessions, which can become part of an SDG Week or SDG Month in your school! Encourage students to talk about the goals that they are most passionate about, or to talk about the overall 2030 agenda. If you need talking points or more information, it can be found in the resources mentioned in this book.

✓ **Endorse the Goals**

One of the most effective ways to advocate for the SDGs is to endorse the goals to the Ministry of Human Resource Development, towards including the global goals in the formal curriculum. You can find a sample endorsement message on the World's Largest Lesson, and along with information on how to proceed with the endorsement. To this end, you are also encouraged to display your commitment to the SDGs on your school website, and any other social media platforms that are available to you.

✓ **Teach the Goals!**

There are various classroom lesson plans available for educators to introduce their students to the global goals. These are customized as per the age, demographic, language, etc of the students, and include both short and long lessons. You can find such lesson plans on the resources mentioned in this book, and implement them in your classrooms as per your time constraints. A simple idea is to begin by teaching the senior students, and then asking for their assistance in spreading the message to the younger students, which will not only help spread awareness, but also provide a leadership opportunity for your students.

✓ **Translate the Goals!**

Participate in Worldview's SDG Translation Challenge by having your students record a short video of them translating the global goals into their regional or local language. You may share these videos with us, which we will share over social media and other channels! In case you upload a video, do remember to tag us so that we can share it too!

DID YOU KNOW?

The Fyvie Primary School in Scotland, as part of the Keep Scotland Beautiful campaign, held regular student assemblies to encourage the student community to assist in cleaning up the local community by picking up rubbish and litter, which led to several students volunteering their time after school every day, to participate in the campaign. The students also helped create awareness around the Global Goals by addressing the local community about the harmful effects of rubbish and litter.

What can you do?



✓ **Host a No-Plastic Week!**

Host a no-plastic week in school, during which students will not be allowed to use any plastic items or bring any plastic items to the school. Use this activity as a starting point to talk about the impact of plastic and alternative solutions. At the end of the week, ask students to reflect on their experience, and encourage them to try and reduce their consumption of plastic products, using the no-plastic week as an inspiration.

✓ **Organize a Car Pool!**

Work with your students to set-up an organized and official car pool system to encourage students to reduce their consumption of fuel, as well as decongest the roads! Encourage your students to use only public transport, school buses, official car pools, or cycles to come to school, or to walk to campus, if possible.

✓ **Check your Food Waste!**

If your school serves meals on campus, work with your students to set up a process to weigh and measure the amount of food being wasted each day. Simply ask all your students to dispose of their waste food in a bucket or bin, and then measure the weight of the bin at the end of the day. Ensure that you display or communicate the amount of food being wasted to the students each day, or each week, in order to try and reduce the food wastage.

✓ **Observe Earth Day!**

Try and go through an entire day in your school or classroom without using any electricity! Rely on natural lighting and ventilation to keep students comfortable, and only resort to using electricity in emergency situations. Over time, try and include a few hours during which no electricity is used, each day or each week, and soon your overall consumption of energy will automatically reduce. Speak to the students about their experience and encourage them to use less electricity as a take-away from the activity.

✔ **Collect your Waste!**

Tell students to not throw their dry waste into the dustbin, but instead to store it with them for a whole week. They may store the waste in their own bags, or in a designated box or bin, which is not emptied before the end of the week. At the end of the week, measure the amount of waste produced by each student or each classroom, and discuss ways that you could reduce the waste with your students. Note your progress over a few weeks, and share the results with your students!

✔ **Save Water!**

Organize a treasure hunt type activity for your students, wherein they are asked to locate any and all water leakages on the campus! Give one point to a student for each leak that they identify, and see who finds the most! At the end of the activity, make a note of all the leaks, and work with your students to have them fixed. You may also go one step further, and install half-flush systems, and basic recycling systems in your campus washrooms, to reduce your water consumption.

✔ **Volunteer your Time!**

Have your school and students participate in volunteering activities in your locality, like clean-up drives, wall painting, street plays, teaching underprivileged students, and more. Such volunteer activities help build empathy and compassion in students, and help them recognize the needs of others and of those around them.

✔ **Set up an SDG Club!**

Set up a formal SDG Club in your school, which meets on a weekly basis. Use the meeting times to conduct activities, and discuss student ideas to improve the sustainability profile of the school. Encourage the SDG Club to lead the sustainability movement in the school, and to lead all the initiatives that you undertake. You can find multiple meeting ideas and resources from the sources mentioned in this book.

DID YOU KNOW?

The British School of Bahrain set up an Eco-Rangers club, which comprises of students and faculty, who each have different responsibilities within the club. The objective of the Eco-Rangers is to make the school eco-friendlier by recycling waste, reducing electricity consumption, and regularly conducting clean-up drives in the school community. The school also awards an Eco-Owl award each week, which is given to the eco-friendliest classroom! The initiatives and activities are also regularly documented on the school blog and website!

What can you do?



✓ Install Solar Panels on the School Campus



On average, a solar panel array of about 10 square meters (the size of an average bedroom), can generate 1 kilowatt of power, per hour, on a sunny day. In India, which witnesses over 300 sunny days per year, and about 6-8 hours of peak sun each day, that translates to a total potential of 2.4 MWH per year, which is enough to offset the annual energy consumption of a middle income urban household!

In fact, certain schools in the country have demonstrated that it is viable for schools to become net-energy producers, and actually earn money for the energy they produce, all the while engaging students and staff members in sustainability education! There are also various subsidies available for solar energy projects which are offered by the state and central government.

✓ Set-up an on-campus compost pit for organic waste recycling



Composting is a simple and effective way to recycle organic waste and can be undertaken as a student-led activity. It is estimated that almost 40% of the solid waste generated by us (approx. 250 KG per year!) is organic in nature. Even a relatively small compost pit can accommodate most of the organic waste produced in a school, with slightly larger pits needed for schools that serve meals, and for residential schools. On average, an effective composting system can eliminate about 35% of the waste produced, while also making the remaining waste easier to recycle and segregate.

✔ Install a rainwater harvesting system in the school campus



The potential for rainwater harvesting is limited only by the rain. A simple rainwater harvesting system, with a catchment area of about 10 square meters (the size of a small bedroom), can harvest over 8000 litres of water each year, in a city like Hyderabad. The recycled water can be used not only for flushing systems, but also for irrigation and cleaning.





The school that produces its own electricity!

The Sri Aurobindo International Centre for Education (SAICE), Pondicherry, India

The Sri Aurobindo International Centre for Education (SAICE) in Pondicherry, India has been using only renewable energy to power its campus since 2014! The institute relies solely on solar power, and in fact, produces over 3 times of its own energy consumption! What happens to the excess energy produced? The school sells it back to the grid! The school began by improving the efficiency of all the appliances and devices it was using, which reduced the energy consumption by over 25%! From there, the school involved the entire community of teachers and students, to install solar panels on the campus. Not only did this reduce the energy demand, but also directly engaged students in learning about how solar power works, and how to set up a small solar panel set up! The excess energy produced by the school is used to 'off-set' the energy consumed by its associated institutes and buildings around the city. Today, the school also produces its own rice, lentils, milk and vegetables, taking another step towards becoming fully self-sufficient, and pushing the bounds of sustainability!



The school that has been harvesting rainwater for over 20 years!

Rishi Valley School and Education Centre, Andhra Pradesh

The Rishi Valley School and Education Centre, in Rishi Valley, Andhra Pradesh has been leading the rainwater harvesting movement in the valley for over 20 years now! In that time, the school has built a total of seven water recharge tanks across the valley to help harvest rainwater and replenish the water table. Doing so has made the once-barren hillside adjacent to the school a partial forest, and has strengthened the animal population, aiding the development of the local community. The school's efforts have also taken into consideration the local wildlife and has creatively employed the use of natural methods to ward off predators and pests, while also boosting the biodiversity of the valley. Now, the school is underway setting up conservation facilities across the valley, which is an area of about 16 square kilometres and includes 21 hamlets and villages!



The school that recycles all of its paper waste!

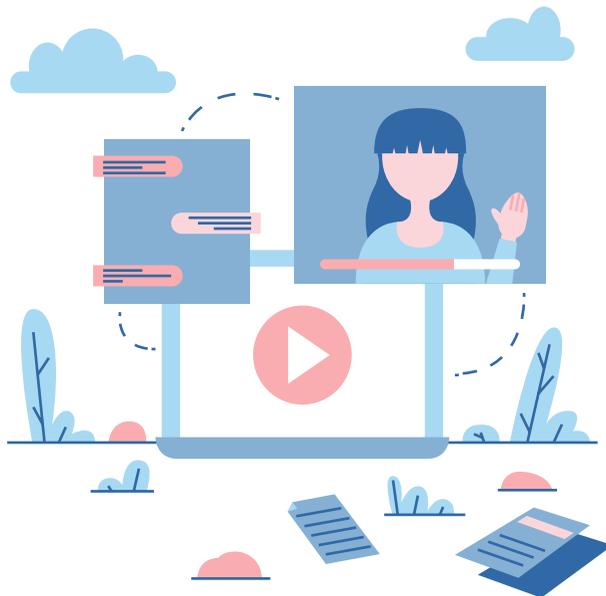
Universal High School, Dahisar, India

At the Universal High School in Dahisar, India, students, staff and faculty have been recycling all of the paper waste generated in the school campus. There are big waste bins placed on each floor of the school, where students can deposit any and all of their recyclable paper waste. Each week, the school authorities then collect, weigh and send this waste to local recycling centres! The school also keeps a track of the amount of paper being recycled by each student, and engages students in each part of the process, right from the collection of the waste, to the eventual recycling. To keep the students motivated and engaged, the school also sends out fortnightly reminders to the entire school community!

SHARE YOUR STORY!

If you are taking an active initiative in promoting SDG awareness through action-oriented activities in your school, we would love to share your story! If you would want us to showcase your school and its initiatives on our platforms, kindly ensure the following:

- » Regularly document your activities, with photos and videos, which you may share with us!
- » Upload your best stories on social media and tag us: (@WorldviewEdu, @worldslargestlesson #TeachSDGs, #SchoolsForSDGs) We are on Twitter, Instagram, and Facebook!
- » Send us your stories directly to our email address info@worldview.global, with the subject 'Schools for SDGs – School Name'
- » Sign up for our newsletter and mailing list through our website: www.worldview.global
- » Register your school for the SchoolsForSDGs campaign on the website: www.schoolsforsdgs.com



PARTNERS

(Past and Present)





Worldview is a person-centred experiential learning platform for students with an overriding focus on Transformative Leadership. We focus on what we believe is the most critical aspect of Leadership: Adaptive Capacity, the ability to adapt quickly to positively leverage the opportunities in fast changing environments. We strive to develop personal potential attributes in an individual which include Thinking & Creativity, Knowledge, Communication skills, Ethics & Integrity, Team Work, and Planning & Organisation in order to improve this critical capacity in participants.

We trigger this through a variety of carefully structured experiential learning programs which necessarily engage the students in working towards solutions for the challenges we face in our local & global communities. We employ a blend of experiential learning tools such as Simulations, Travel, Case-studies, Projects & Realtime work in order to create a dynamic out-of-classroom learning environment.

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