



Aligned With



A Product of GoSharpener
Toolkit for Sustainability Activities
Vol- 9th & 10th | October 2026-27

MODEL DEMONSTRATION

STEPS TO FOLLOW

- 1 Gather your waste materials
- 2 Watch informational video to attempt the quiz
- 3 Watch activity video to attempt the activity
- 4 Complete the activity
- 5 Click photo & Upload on GoSharpener using the GoSharpener Calculator



Reference	Part & Project	Activity / Chapter	Activity Name & Description	Day & Date	SDG Day	SDG
KAUSHAL VIKAS	Unit 2: Work with Machines and Materials	Chapter 5: Shaping Materials	DIY Upcycled E-Waste Wall Clock The "DIY Upcycled E-Waste Wall Clock" activity has students mount a scratched CD onto a cardboard base and fit it with a salvaged clock mechanism, turning discarded electronics into a working wall clock for the school.	International E-waste Day (14th October)	1	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
SWACHH EVAM HARIT VIDYALAYA RATING	Handwashing with Soap	Does the school provide soaps for hand-washing before PM POSHAN (earlier Mid-Day Meal) / lunch?	Zero-Waste Herbal Handwash Powder The "Zero-Waste Herbal Handwash Powder" activity has students grind dried herbs, soapnut, and citrus peel into a natural cleansing powder stored in a reusable jar, exploring plant-based alternatives to packaged commercial handwash.	Global Handwashing Day (15th October)	2	3 GOOD HEALTH AND WELL-BEING 

INSTRUCTIONS FOR CONDUCTING ACTIVITY
INTERNATIONAL E-WASTE DAY

▶ Info Video

▶ Activity Video

Name of Activity: DIY Upcycled E-Waste Wall Clock

Materials Required

- Clock Dial Face: 1 to 4 scratched, completely unreadable CDs or DVDs
- Main Chassis: Corrugated cardboard cut from a heavy cardboard shipping box
- Time Indicators: 12 clean, discarded wooden matchsticks or wooden clothes pegs collected from home
- Machine Movement: A standard quartz clock core module with hour and minute hands gently removed from any old, cracked plastic wall clock
- Adhesive: Organic flour paste glue (Maida paste) or traditional Fevicol
- Tools: Child-safe scissors, geometry divider compass, geometry scale and protractor
- Cleaning Material: Scrap cotton cloth
- Battery: 2x AA battery holder and used batteries from remote controls (optional, for the motorised version)
- Hanging Material: Old jute twine or cotton packaging rope

Step-by-Step Instructions

Step 1: Precision Calculation and Base Cutting

- Using a geometry divider compass, measure and draw a perfect circle with a radius of 10 cm on the heavy shipping cardboard.
- Use a geometry scale to track the 1 mm least count and mark the exact center point. Carefully cut out the circle using scissors. This creates a rigid structural backing that prevents the e-waste disc from flexing.

Step 2: E-Waste Base Alignment

- Clean the old CD with a scrap cotton cloth. Apply a thin, uniform layer of glue onto the dull side of the CD and press it firmly onto the center of the cardboard chassis circle.
- The shiny aluminum layers inside scratched CDs remain sealed under the factory polycarbonate plastic, allowing the CD to be handled without generating aluminum dust.

Step 3: Geometry Grid and Dial Markings

- Using a protractor or divider from the geometry box, calculate the placement of the 12 clock numbers.
- Since a circle has 360 degrees, divide it by 12 to mark a line at every exact 30-degree increment.
- At each 30-degree line, glue a single used wooden matchstick or clothes peg pointing inward to act as a clear number indicator.

Step 4: Safe Mechanical Assembly

- The factory hole in the center of a CD is approximately 15 mm wide. With adult/teacher assistance, feed the spindle nozzle of the salvaged quartz clock module through the center hole from the back of the cardboard base.
- Gently slide the hour and minute hands back onto the spindle pins until they click firmly into place.
- No wires should be stripped and no soldering irons should be used. The electrical mechanism must remain completely enclosed and touch-safe.

Step 5: Launch, Balance and Review

- Insert an old AA battery from a home TV remote into the back compartment.
- Monitor the rotation of the seconds hand for 5 full minutes to check that the alignment does not experience friction or drag against the CD face.

Step 6: Hanging Setup

- Glue a loop of old jute twine or cotton packaging rope to the back cardboard panel.

Evidence: Upload a picture of yourself with the Ewaste Wall clock on the platform using the GoSharpener Calculator.

INSTRUCTIONS FOR CONDUCTING ACTIVITY
GLOBAL HANDWASHING DAY

▶ Info Video

▶ Activity Video

Name of Activity: Zero-Waste Herbal Handwash Powder

Students will prepare a simple herbal handwash powder using dried plant materials and soapnut (reetha) or common alternatives, learning how natural ingredients can be used for cleaning while reducing packaging and waste.

Materials Required

- Saponin Base (Soap/Foam Agent): Dried soapnut (reetha) shells or dried shikakai pods or finely ground rolled oats or baking soda
- Antibacterial / Skin-Soothing Herb: Dried neem leaves or dried tulsi leaves or 1-2 green tea bags (cut open for the dried leaves) or dried mint leaves
- Fragrance / Cleaning Booster: Dried orange/lemon peel or dried sweet lime (mosambi) peel or a few drops of any essential oil or a pinch of cinnamon/turmeric powder
- Grinding Tool: Mortar and pestle or a rolling pin paired with a sturdy zip-lock bag or a dry kitchen blender (with adult supervision)
- Mixing Container: Clean old bowl from your kitchen
- Straining Tool: Kitchen strainer or sieve or a piece of old, clean and fine cotton cloth
- Storage Container: Clean, dry reusable jar or empty spice shaker
- Stirring Tool: Spoon
- Apron

Step-by-Step Instructions

Step 1: Prepare the Ingredients

- Ensure your chosen ingredients, whether reetha shells, neem/tulsi leaves, green tea leaves, or citrus peels, are completely dry before starting. If using fresh citrus peels or leaves, they must be sun-dried or air-dried for a few days beforehand until they easily snap.

Step 2: Crush and Grind the Ingredients

- Break your dried ingredients into smaller pieces. Under adult supervision, grind them into a fine powder.
- If using a mortar and pestle: Grind the items firmly in small batches.
- If using a rolling pin: Place the dry ingredients inside a sturdy plastic zip-lock bag, seal it, and roll over it heavily until pulverized.
- If using a blender: Blend on high speed for 30 seconds until a powder forms. (Note: Skip grinding if you are using pre-powdered alternatives like baking soda or oats).

Step 3: Sieve the Powder

- Pass the crushed mixture through a clean sieve or tea strainer into a bowl to remove any remaining large, scratchy plant pieces. This ensures you obtain a completely smooth, skin-safe powder. Any leftover coarse pieces can be put back into the organic waste bin.

Step 4: Mix the Ingredients

- Combine your prepared powders in a clean bowl. If you are using essential oils instead of dried citrus peels, add 2-3 drops directly to the powder now. Mix thoroughly with a spoon to distribute the ingredients evenly.

Step 5: Store the Powder

- Transfer your finished herbal powder into a clean, completely dry reusable jar or an old spice container, and close the lid tightly. Keep it away from moisture so it stays fresh.

Step 6: Demonstrate Its Use

- Take a small half-teaspoon amount of the powder onto your palm. Mix it with a few drops of water to create a smooth cleansing paste. Rub your hands together thoroughly, observing how the natural ingredients cleanse, and rinse off completely with clean running water.

Step 7: Connect to Zero Waste

- Discuss how using reusable jars and discarded or natural plant materials completely eliminates plastic packaging waste, encouraging sustainable, eco-friendly consumer habits.

Safety Note: This homemade powder should be treated as a classroom demonstration, not a validated hand disinfectant. Avoid contact with eyes and broken skin, and discontinue use immediately if irritation occurs. For reliable hand hygiene, always use a commercially formulated hand soap.

Evidence: Upload a picture of yourself with the Zero-Waste Herbal Handwash Powder on the platform using the GoSharpener Calculator.

Reference	Part & Project	Activity / Chapter	Activity Name & Description	Day & Date	SDG Day	SDG
SWACHH EVAM HARIT VIDYALAYA RATING	Non Bioderadable Waste Management	How does the school dispose its non-biodegradable waste (dry waste)?	E-Waste Collection Drive The "E-Waste Collection Drive" activity has students gather safe, unused electronics from home and submit them to their Class Teacher for authorised recycling, reinforcing responsible e-waste disposal and the principle of Reduce, Reuse, Repair, Recycle. Completion requires uploading a photo with the collected e-waste at the submission point on the GoSharpener platform	International E-waste Day (14th October)	1	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
GOSHARPENER ACTIVITY	Handwash Hygiene	_____	DIY Kitchen-Cupboard Hand Serum The "DIY Kitchen-Cupboard Hand Serum" activity has students prepare a natural skin-soothing serum using kitchen staples like tea, honey, lemon juice, and oil, learning how antioxidants, humectants, and acids work together to protect skin. Completion requires uploading a photo with the finished serum on the GoSharpener platform.	Global Handwashing Day (15th October)	2	3 GOOD HEALTH AND WELL-BEING 

INSTRUCTIONS FOR CONDUCTING ACTIVITY
INTERNATIONAL E-WASTE DAY

-  [Info Video](#)
-  [Activity Video](#)

Name of Activity: E-Waste Collection Drive

E-waste includes old, broken, or unwanted electronic and electrical items. Through this activity, students will collect safe e-waste from home and submit it at school for responsible recycling.

Materials Required

- Reusable bag or box
- Safe e-waste from home

Step-by-Step Activity Flow

Step 1: Collect E-Waste at Home

- With a parent/guardian's permission, look around your home for old, unused, or broken electronic items that are no longer needed.

Step 2: What to Collect

- Collect items such as old chargers, cables, earphones, computer mice, keyboards, remote controls, and small electronic accessories.

Step 3: What Not to Collect

- Do not bring leaking/damaged batteries, bulbs, large appliances, exposed wires, hazardous items, or anything that is still in use.

Step 4: Pack Safely

- Place the collected e-waste carefully in a reusable bag or box. Do not break, open, or dismantle any electronic item.

Step 5: Bring to School

- Bring the collected e-waste to school on the date announced by your teacher and carry it safely.

Step 6: Submit the E-Waste

- Submit your collected e-waste to your Class Teacher or Class CR at the designated collection point.

Step 7: Count and Record

- With the help of your teacher/Class CR, count the items collected and observe how much e-waste your class has gathered.

Step 8: Recycle Responsibly

- The school will send the collected e-waste to an authorised e-waste recycler for safe and responsible recycling.

Important Observation

- E-waste should never be mixed with regular waste. Reduce, Reuse, Repair and Recycle electronic products whenever possible.

Evidence: Upload a picture of yourself with the e-waste you collected on the platform using the GoSharpener Calculator.

INSTRUCTIONS FOR CONDUCTING ACTIVITY
GLOBAL HANDWASHING DAY

-  [Info Video](#)
-  [Activity Video](#)

Name of Activity: DIY Hand Serum

Students will prepare a natural skin-soothing serum using common kitchen staples and observe how different natural properties like antioxidants, humectants, and acids work together to protect the skin.

Materials Required

- Green Tea or Black Tea (Cooled, strongly brewed) – Liquid base
- Honey – Natural humectant
- Lemon Juice – A tiny squeeze
- Cooking Oil (Sunflower, Mustard, or Olive Oil) – 3–4 drops
- An old, clean mixing container
- Spoon for stirring
- An old, clean small storage container or an old, clean bottle
- Label/sticker
- Apron

Step-by-Step Instructions

Step 1: Brew and Cool the Base

- Prepare a strong brew of green tea or black tea ahead of time and allow it to cool completely to room temperature.

Step 2: Add the Liquid Base

- Pour a small amount of the cooled tea into your clean mixing container to act as the soothing, antioxidant-rich foundation.

Step 3: Mix in the Moisture Magnet

- Add a portion of honey to the tea and stir thoroughly until it is fully dissolved to act as a natural moisture magnet.

Step 4: Introduce the Brightener

- Add a tiny squeeze (a few drops) of fresh lemon juice into the mixture to introduce citric acid for smoothing skin texture.

Step 5: Seal with Cooking Oil

- Add 3–4 drops of your chosen cooking oil (sunflower, mustard, or olive oil) to create a light seal for locking in moisture.

Step 6: Stir and Observe

- Stir the mixture well and observe the suspension, noticing how the oil droplets behave in the liquid base without chemical emulsifiers.

Safety Note
Lemon juice can make the skin more sensitive to sunlight; ensure this serum is used mindfully. Always test a small patch on the skin first to check for any allergies or sensitivities to the natural ingredients.

Evidence: Upload a picture of yourself with the hand serum on the platform using the GoSharpener Calculator.

EVIDENCE REPORTING

STEPS TO FOLLOW

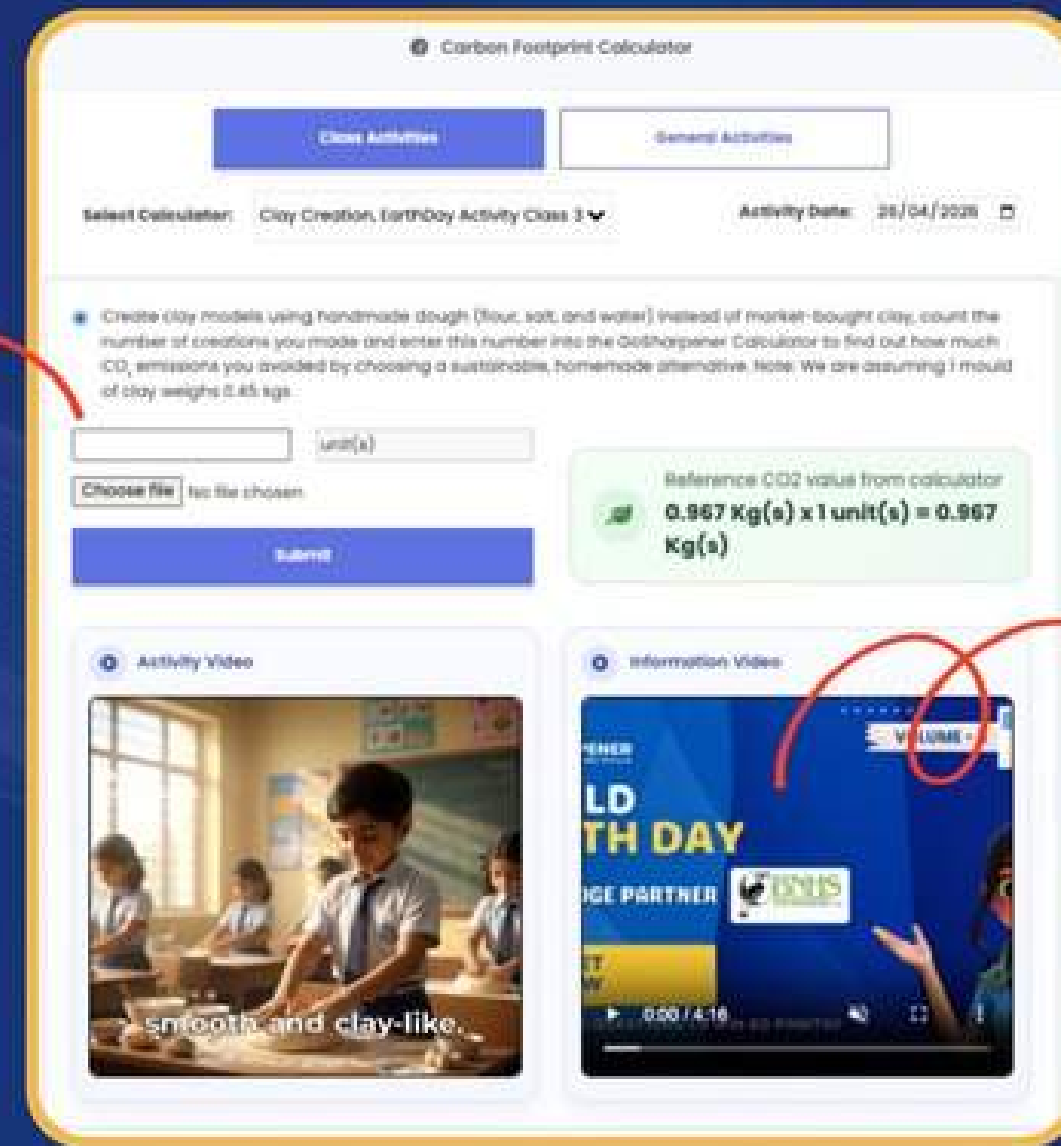
- 1 Download the App
- 2 Login
- 3 Select, "GoPoints Activity"
- 4 Upload Photo
- 5 Tag Class
- 6 Get Certificate

KNOWLEDGE PARTNER-



How to Upload Your Activity on GoSharpener

Enter the required Quantity/Unit, then upload the relevant file



Click on "Activity Video"/"Information video" to learn how to perform the activity.

Month	Day	Grade	SDG
October	Global Handwashing Day	3rd to 12th	3 GOOD HEALTH AND WELL-BEING 

INSTRUCTIONS FOR CONDUCTING SPOTLIGHT ACTIVITY
GLOBAL HANDWASHING DAY



Name of Activity: DIY Natural Cleansing Wash

Students explore how naturally fallen, discarded, or common household plant materials can be repurposed into a natural cleansing solution, encouraging the reuse of organic waste and responsible consumption.

- Materials Required**
- Saponin Source: Clean, correctly identified horse chestnuts (conkers) or dried soapnuts (reetha) or common rolled oats
 - Soothing Ingredient: Fresh aloe vera leaves or aloe vera gel or flaxseeds (linseeds)
 - Water: Warm water
 - Mixing Container: Clean glass bowl from the kitchen or a clean old reusable plastic bowl/container (such as a washed yoghurt tub)
 - Storage Container: Clean reused glass jar/bottle or a thoroughly washed old plastic juice bottle
 - Crushing Tool: Reused kitchen mortar and pestle or a rolling pin/smooth rock paired with a sturdy reusable zip-lock bag or clean old tea towel
 - Cutting Tool: Reused kitchen knife and chopping board
 - Straining Tool: Fine sieve from the kitchen or clean cotton cloth or clean old t-shirt/sock or reused coffee filter
 - Stirring Tool: Reused kitchen spoon/wooden spoon or whisk
 - Safety Gear: Reusable gloves
 - Apron

Step-by-Step Instructions

- Step 1: Collect and Gather the Materials**
- Collect clean, naturally fallen horse chestnuts or aloe vera leaves removed during garden maintenance. If using kitchen staples, gather your soapnuts, oats, store-bought gel, or flaxseeds. Do not collect natural materials from roadsides, drains, or polluted areas.
- Step 2: Clean the Materials**
- Wash the horse chestnuts or soapnuts thoroughly with clean water to remove soil and dirt. Pat them dry using a clean cloth. (Skip this step if using clean kitchen oats).
- Step 3: Cut or Prepare the Materials**
- With adult supervision, place your material on a chopping board. Carefully cut the conkers into small pieces, or crack open the soapnuts. Smaller pieces will help the useful soap-like compounds mix more easily with the water. (If using oats, simply measure them out raw).
- Step 4: Crush the Materials**
- Place the cut pieces in a mortar and crush them using a pestle until they become a coarse mash.
 - Alternative: If you do not have a mortar and pestle, place your cut materials inside a sturdy reusable plastic zip-lock bag or wrap them securely in a clean old tea towel. Crush them from the outside using a rolling pin or a smooth rock. Avoid touching the crushed material unnecessarily.

- Step 5: Soak the Mixture**
- Transfer the mash or oats into a clean reused glass bowl or old reusable plastic container. Add enough warm water to completely cover it and leave it to soak for approximately 2 hours. Stir the mixture gently every 30–40 minutes.
 - Alternative for Flaxseed users: If you are using flaxseeds as your soothing ingredient instead of aloe vera, boil 1 tablespoon of flaxseeds in a cup of water for 5 minutes right now so it can cool down and form a gel.
- Step 6: Strain the Cleansing Liquid**
- Place a fine sieve, clean cotton cloth, old t-shirt fabric, or coffee filter over another clean reused bowl or container. Pour the soaked mixture through it and press the mash gently to collect the liquid. Discard the remaining solid material in the appropriate organic-waste bin.
- Step 7: Prepare the Soothing Gel**
- Prepare your gel component depending on what you have available:
 - If using fresh aloe vera: Wash the leaf thoroughly. Carefully cut away the outer green skin and remove only the clear inner gel. Rinse the gel once with clean water.
 - If using store-bought aloe vera gel: Measure out 1–2 teaspoons of the gel.
 - If using flaxseeds: Strain the cooled, boiled flaxseed liquid through a cloth to separate the thick, clear gel from the seeds.
- Step 8: Combine the Ingredients**
- Add a small amount of your prepared aloe vera gel or flaxseed gel to the strained cleansing liquid. Mix the two ingredients slowly with a clean reused spoon or whisk until the gel is evenly distributed throughout the liquid.
- Step 9: Check the Mixture**
- Observe the colour, texture, and consistency of your mixture. Gently shake or whisk a small amount and observe whether it produces a light, soap-like lather due to the naturally occurring saponins in your plant material.
- Step 10: Transfer and Label**
- Pour the prepared mixture into a clean reused, labelled glass jar or old plastic bottle. Write “Natural Cleansing Wash – Demonstration Sample” on the label and note the date it was prepared.
- Step 11: Dispose of the Materials Safely**
- Do not keep the mixture for long periods because it contains fresh plant material and has no chemical preservatives. Dispose of the remaining mixture and plant waste appropriately after your demonstration.
 - **Safety:** Horse chestnuts (conkers) are not edible and must never be consumed. Do not confuse conkers with edible chestnuts.
 - Do not apply the prepared mixture to the eyes, face, or broken skin.
 - This activity is strictly for demonstrating plant-based cleansing properties and does not replace regular hand soap.
- Evidence:** Upload a picture of yourself with the natural cleansing wash on the platform using the GoSharpener Calculator.



SPOTLIGHT VIDEO

October 15

3 GOOD HEALTH AND WELL-BEING

GLOBAL HANDWASHING DAY

KNOWLEDGE PARTNER 

SPOTLIGHT

DIY NATURAL CLEANSING WASH

WIN REWARDS

WATCH NOW



Month	Day	Grade	SDG
October	World Food Day	3rd to 12th	2 ZERO HUNGER 

INSTRUCTIONS FOR CONDUCTING SPOTLIGHT ACTIVITY
WORLD FOOD DAY



Name of Activity: Cucumber Strawberry Yogurt Crunch

Materials Required

- Cucumber – 1 medium, finely chopped
- Thick plain curd/yogurt – ½ cup
- Strawberry – 3–4, finely chopped
- Roasted makhana – ½ cup, lightly crushed
- Mint leaves – 4–5, finely chopped
- Lemon juice – ½ teaspoon
- Roasted cumin powder – ¼ teaspoon
- A small pinch of black salt

Steps

- 1.Wash the cucumber, strawberries and mint thoroughly.
- 2.Chop the cucumber and strawberries into small bite-sized pieces.
- 3.Whisk the curd until smooth and creamy.
- 4.Add cucumber, strawberries and mint.
- 5.Add lemon juice, cumin powder and a tiny pinch of black salt.
- 6.Mix gently.
- 7.Add crushed roasted makhana right before serving for the crunch.

The result: creamy yogurt + juicy cucumber + sweet strawberry + crunchy makhana, with just a tiny tangy twist.

Evidence: Upload a picture of yourself with the Cucumber Strawberry Yogurt Crunch on the platform using the GoSharpener Calculator.



SHARPENER
The School Student Network

SPOTLIGHT VIDEO

October

16

2 ZERO HUNGER

WORLD
FOOD DAY

KNOWLEDGE PARTNER epigamia

SPOTLIGHT

CUCUMBER
STRAWBERRY YOGURT
CRUNCH

WIN REWARDS

WATCH NOW



INFOGRAPHICS



Around **1 in 8** people globally live with a mental health condition.
Prioritising mental well-being, seeking support, and creating inclusive communities helps everyone thrive.

Here's How You Can Help: [Log in to the platform and report your sustainable action today](#)



The world generates over **62 million tonnes** of **e-waste** every year, but only about **22%** is formally collected and recycled.
Responsible e-waste disposal helps recover valuable materials and protects the environment.

Here's How You Can Help: [Log in to the platform and report your sustainable action today](#)

PLEASE PLACE THESE INFOGRAPHICS IN STRATEGIC LOCATIONS TO SPREAD AWARENESS

INFOGRAPHICS



Sustainable living means meeting today's needs without compromising future generations.

Small actions like **conserving energy**, **reducing waste**, and **choosing sustainable products** create lasting positive impact.

Here's How You Can Help: Log in to the platform and report your sustainable action today



Reusing everyday items reduces waste, conserves **natural resources**, and lowers carbon emissions.

Extending **the life of products** is one of the **simplest ways to support a circular economy**.

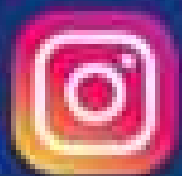
Here's How You Can Help: Log in to the platform and report your sustainable action today

PLEASE PLACE THESE INFOGRAPHICS IN STRATEGIC LOCATIONS TO SPREAD AWARENESS

STAY CONNECTED. STAY INSPIRED.

FOLLOW GOSHARPENER TO EXPLORE HOW SCHOOLS ACROSS THE COUNTRY ARE TURNING LEARNING INTO MEANINGFUL ACTION. DISCOVER STUDENT-LED INITIATIVES, INSPIRING SCHOOL STORIES, EXPERT INSIGHTS, SUSTAINABILITY ACTIVITIES!

SCAN. FOLLOW. BE PART OF THE **CHANGE**.



Monthly Toolkit training will be held as per the given details on Google Meet for Educators

Day	Timings	Classes
Mondays	5pm to 5.30pm	3-5
Tuesdays	5pm to 5.30pm	6-8
Wednesdays	5pm to 5.30pm	9-10
Thursdays	5pm to 5.30pm	11-12

Kindly contact the Account Manager to block your seat in advance!

SHARP ACTION

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