



CLUBS

GOOS PAPER FOR ALL Clubs Mission Brief

What is GOOS Paper?

GOOS stands for Good On One Side. It is paper that has only been used on one side, and is still blank and usable on the other.

Did you know that paper and paper products account for more than 1/3 of all municipal waste in Canada and the USA? We don't always think about the environmental impact of the pulp and paper industry: unsustainable logging, pollution from manufacturing, and shipping and transportation emissions. Even though recycling is good, it's still better to reduce demand by reusing as much paper as possible. By collecting and using GOOS paper, we can make sure each side is completely used up before it is recycled, and help cut down on waste to protect our environment.



Your Mission: Reduce paper waste!

To successfully carry out this Mini-Mission, your club will design a "GOOS Paper for All" – bringing GOOS paper bins to classrooms and/or offices in your meeting area.

MISSION DIFFICULTY: ★☆☆☆☆

MISSION LENGTH: 2 sessions, plus a follow up session one month later

MATERIALS:

- Materials to make GOOS bins – shoe boxes, cereal boxes, old photocopy paper boxes, whatever recycled materials you have on hand.
- Materials to decorate (markers, scissors, glue, etc.)

The GOOS Paper For All Mission is broken into 3 stages:

Stage 1: Investigate & Create

Stage 2: Take Action

Stage 3: Reflect & Share

You will find all the materials your club needs for each stage on the [Earth Rangers Clubs GOOS Paper For All Mission Page](#).



STAGE 1: INVESTIGATE & CREATE

OBJECTIVES:

- Learn more about the environmental impact of paper and why GOOS paper bins contribute to protecting the environment
- Design an GOOS paper bins and a plan to distribute them to reduce paper waste

1. Ask club members what they know about paper

The questions below can guide the discussion:

WHEN DO WE USE PAPER?

- *To write and draw.*
- *But also: newspapers, water and pop bottle labels, books, gift wrapping paper and tissue paper, receipts, packaging, etc.*
- *Other paper products: cardboard, toilet paper and napkins, egg cartons, paper straws, etc.*

HOW IS PAPER MADE?

- *First, pulp is made from wood fibers, water and chemicals. This is spread on a screen. As the water drains through, the fibers stick together and create paper. Sometimes it is also pressed with big rollers to get more water out and heated so it will dry faster.*

WHAT ARE PROBLEMS RELATED TO USING TOO MUCH PAPER?

- *Deforestation: The higher the demand, the more trees are cut down. Unsustainable forestry impacts animal habitats, provokes changes in landscape and soil, and affect the local people's lives.*
- *Energy consumption: Making paper requires a lot of energy, which can lead to green house gas emissions.*
- *Water: Making paper requires a lot of water.*
- *Pollution: Chemicals used in making paper can hurt wildlife and the environment.*

How is paper recycled?

The Paper Recycling Process
(Domatar, video, 1:44)

How do they recycle paper?
(NFB, video, 4:02)

How is paper recycled
(How it's Made Show, video, 5:47)

2. Guide the discussion into how we can help

The 3Rs

We hear a lot about recycling. However, to reduce our environmental impact, it is important to follow them in order: first **reduce** our use of paper (when possible), then **reuse** (like with GOOS bins), and only then **recycle**.

Here are some sample questions:

- *How can we use less paper?*
- *What do you know about the 3 Rs?*
- *What else can we do to reduce the environmental impact of paper?*

3. GOOS Paper Bin

Explain what you are going to do: *Often, paper that is still good on one side (GOOS) gets thrown away. We are going to make and give out GOOS paper bins to encourage people to reuse paper.*

DECIDE ON YOUR PLAN:

- *Who are you going to give bins to?*
- *How many will you need?*

As a club, start preparing your bins using the materials you have on hand. Members can colour in the provided picture of the [Earth Rangers Clubs logo](#) (printed on GOOS paper) and paste them onto their bins.





STAGE 2: TAKE ACTION

OBJECTIVES:

- Finish making the GOOS bins
- Design and implement a communications plan
- Distribute the bins

1. Finish making your GOOS bins and create signs to let others know what they are. Here are some examples:

- *Here is paper that is Good On One Side. Need a piece of paper? Take one. Have a piece of paper, leave one!*
- *Drop off or pick up a piece of paper that is good on one side here. Let's use less paper together!*
- *Good On One Side: Take it or leave it!*

2. Make a plan to distribute the bins: Who will distribute them where? It's a good idea to keep them near recycling bins, so paper can be placed in the GOOS bin first.

3. Make a plan to explain how to use them. Here are some suggestions:

- Explaining to the class/office members in person when you drop off the bins
- School announcements
- Posters around the GOOS bin

4. Distribute the bins and explain to everyone how to use them.

5. Send us pictures of your bins!

**Submit pictures of
your GOOS bins!**



STAGE 3: REFLECT & SHARE

OBJECTIVES:

- Reflect on the results of the GOOS bins
- Create artwork about the importance of reusing paper
- Share the message around you

1. Have club members visit the places they dropped off their bins and ask them how popular they were. Alternatively, they can send the recipients of their boxes an email.

2. Look at the results together:

- Were the bins popular?
- Does this surprise you? Why or why not?
- How can they continue to encourage people to use them?

3. Next, have club members brainstorm other ways they could reduce their use of paper, for example, through paper mâché, collages, mosaics, or origami with GOOS or paper from the recycling bin. Have them think of ways to share these messages around them. Next, make artwork using reused or recycled paper that represents the importance of carefully using paper.

4. Another possibility is to [make your own paper](#) using paper from the recycling bin (Canada Science and Technology Museum)

EXTENSION ACTIVITY:

If your club is up to it, you can undertake the [Tree Hugger Challenge](#) and adopt the most tree-friendly habits possible!

LOGOS

