

# ECO EXPERTS!

Each group today will become experts on one aspect of environmental studies. Each table will be assigned a topic, given questions to answer, and a few links to get you started. You may use other links as well, and can include other interesting facts about your topic...

You can use [keynote](#) or [google slides](#). If you think you can get it done in time, you can also do a video.

## **your presentation should include:**

1. important information on your topic (look for the questions on your sheet and answer them) try using bullet points or sections of info
2. visual images, pictures always make people pay more attention!
3. a title slide (include your group's names)

## **Group #1: Basics**

What is ecology?

What is environmentalism? Who are environmentalists?

Why is environmentalism political?

What are 4 of the big topics in environmentalism?

Links:

<http://kids.nceas.ucsb.edu/>

<http://kids.britannica.com/kids/article/ecology/353082>

<https://wiki.kidzsearch.com/wiki/Environmentalism>

<http://kids.britannica.com/students/article/environmentalism/311166>

## **Group #2: Carbon Footprint**

What is a carbon footprint?

Why does this matter?

What can your carbon footprint tell you about your consumption of goods and resources?

How can you reduce your carbon footprint?

Links:

<http://www.overshootday.org/kids-and-teachers-corner/what-is-an-ecological-footprint-2/>

[http://wwf.panda.org/about\\_our\\_earth/teacher\\_resources/webfieldtrips/ecological balance/eco footprint/](http://wwf.panda.org/about_our_earth/teacher_resources/webfieldtrips/ecological_balance/eco_footprint/)

### **Group #3: Paper Recycling**

What is an old GROWTH FOREST? What does this have to do with paper consumption? How many trees are cut down each year to create paper?

how many tons of paper are thrown away by American each year?

What are the costs of paper recycling

What are some alternatives to using trees to create paper?

How is paper recycled? What is the process?

LINKS

<https://your.caerphilly.gov.uk/kidsgogreen/fact-zone/paper-facts>

<http://www.recycling-guide.org.uk/science-paper.html>

<https://www.usi.edu/recycle/paper-recycling-facts/>

<https://www.thebalance.com/paper-recycling-facts-figures-and-information-sources-2877868>

### **Group #4: Consumption/Trash**

How many tons of garbage is produced by Americans each year?

Where does the trash go? Explain the process trash takes from your house to its end destination

How many tons are actually recycled?

What is consumption, and how does it impact the amount of trash we create?

Give an example or two of how we can have less consumption in our lives

LINKS

[http://wwf.panda.org/about\\_our\\_earth/teacher\\_resources/webfieldtrips/waste\\_disposal/](http://wwf.panda.org/about_our_earth/teacher_resources/webfieldtrips/waste_disposal/)

<http://www.theworldcounts.com/stories/Recycle-Facts-for-Kids>

<http://www.eschooltoday.com/waste-recycling/childrens-role-in-waste-management.html> (especially look at the links on the side)

**Group #5: Pollution**

What kinds of pollution are there?

What kinds of pollution affect our hometown the most?

What is stream/water pollution? How does it happen, what are the sources?

What government agency sets regulations for pollution?

LINKS

[http://wwf.panda.org/about\\_our\\_earth/teacher\\_resources/webfieldtrips/climate\\_change/](http://wwf.panda.org/about_our_earth/teacher_resources/webfieldtrips/climate_change/)

<http://www.ecology.com/2016/04/01/climate-change-basics-epa-video/>

**Group #6: Eco Artists**

What is an eco artist?

How can eco artists make people more aware of environmental issues?

Find 3-4 eco artists to share with the class. What topics are they exploring? Include a picture or two of their work and a description of what they do.

Links

[https://en.wikipedia.org/wiki/Ecological\\_art#Orientations](https://en.wikipedia.org/wiki/Ecological_art#Orientations)

<https://www.treehugger.com/culture/top-5-environmental-artists-shaking-up-the-art-world/page1.html>

<http://mymodernmet.com/environmental-art-calendar/>

<http://www.cnn.com/2012/03/16/world/environmental-green-art/index.html>

<https://www.mnn.com/lifestyle/arts-culture/photos/14-artists-with-a-green-message/art-for-the-planet>

**Group #7: How can we help?**

What are some ways you, as a student and teenager, can make an impact?

What are some small things you can do each day?

What are some bigger things you could help be part of? Organizations, movements, etc?

You might want to add “student” or “kid” or “teenager” to your searches to find things more for your age group