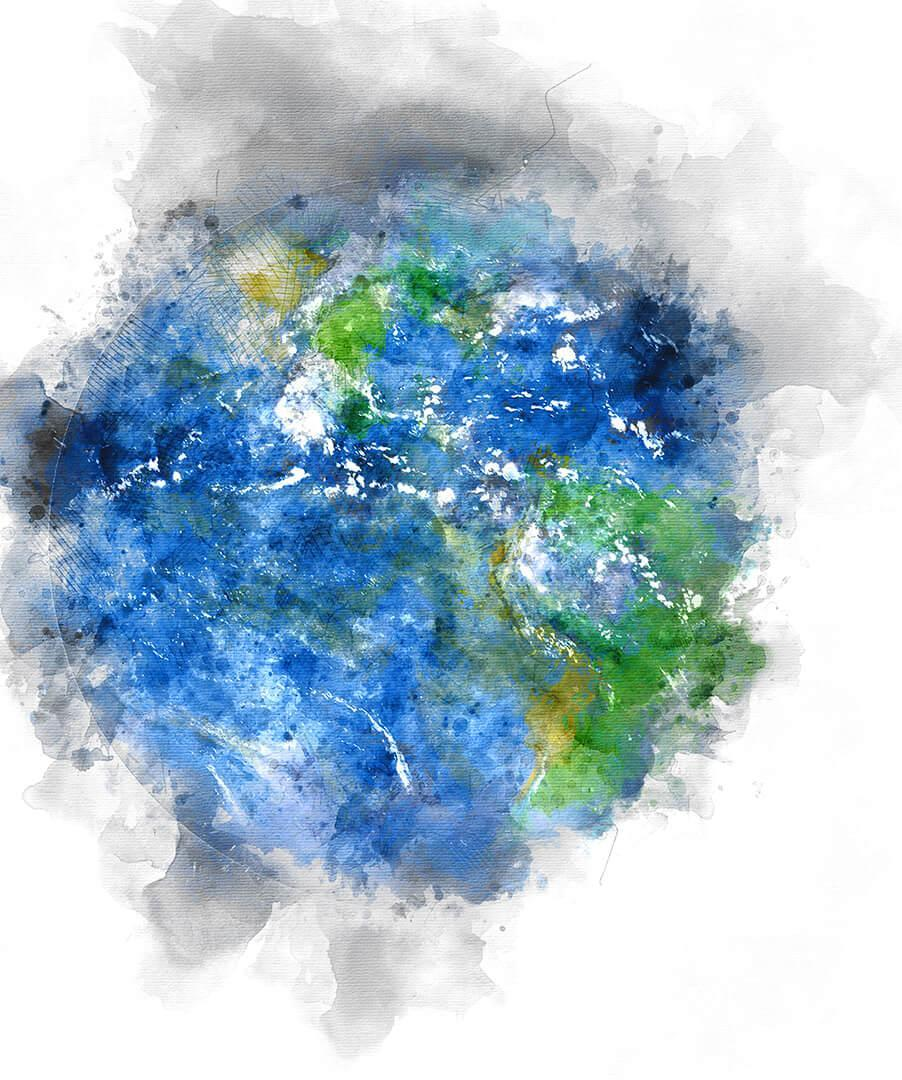


# Community Connections

Hello, and welcome to Community Connections, a project run by 8C7. Our names are and we organized this project. The rest of the students in 8C7 came up with the following activities.

For the next hour or so, your class is going to be participating in a variety of energy related activities as part of a community initiative we're organizing.

*Some background information*: We are currently participating in a project called the Classroom Energy Diet, in which we learn about energy and its impact on the world around us. We have been assigned the project Community Connections in which we involve our community in an energy initiative where we learn and teach about energy.  We've elected to make our initiative at Centennial to celebrate Earth Day, and we hope that you have a great time today!

Today, all you have to do is look through the next few slides and complete the activities outlined on them.

Follow the instructions on each of the activity slides, and you will be asked to not only complete as many activities you can to the best of your ability, but to take a photo of what you've created and share your experience!

# Activity 1

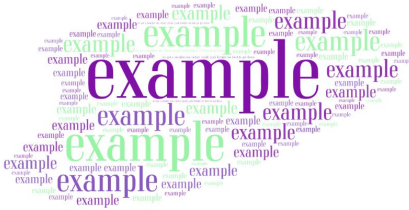
Topic: Recycling

Activity: Recycling Quiz

Instructions:

1. Watch the super cute raccoon recycling video from Michigan to get your minds in the right space.
2. Together as a class, read the “What goes in?” section of the blue box recycling page at the Region of Waterloo.
3. Play the Region of Waterloo’s Rethink Waste game!
4. Take a screenshot of your park from the rethink waste game and share it with us  We’ll share some great ones with the school after we’ve approved them all.
5. Use this padlet to upload your park:

# Activity 2




## Topic: Conserving Energy

Activity: Create a word cloud of energy saving ideas.

Instructions:

1. As a class, read through the
2. Brainstorm as a class: what are other ways of conserving energy?
3. Create a word cloud using ABCYa!, wordart.com, or monkeylearn with those ideas (and your own!)
4. Take a picture of your word cloud and

# Activity 3: Windmill design

**Topic: Renewable Energy**

**Activity: Competitive windmill design**

**Instructions:**

1. Read this overview about wind power together as a class
2. Go to https://www.youngscientistlab.com/sites/default/files/interactives/wind-energy/
3. Create your windmills!
4. Let us know the total number of homes you powered in the form provided below!
    - 

# Activity 4

## Topic: Phantom Power

Activity: Calculate the phantom power usage of devices in your home.

Instructions:

1. As a class, watch this video about what the heck phantom power is!
2. Use the tool from hydro quebec to calculate your phantom power usage in the room where you're taking this challenge.
3. Share your results with us by.  We'll calculate how much energy we could save as a school if we eliminated these phantom power sources!

# Activity 5

Topic: Earth Day!

Activity: Participate in a kahoot about Earth Day

Instructions:

1. Go to the link below to participate in the Earth Day kahoot challenge. See how you do against students from 3 other classes! You can do it now -- no need to wait for your teacher to run the kahoot.

## EARTH DAY KAHOOT LINK