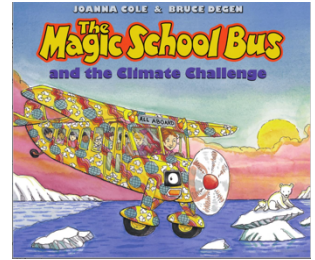




Every day is Earth Day! (Part 1- Earth Day)



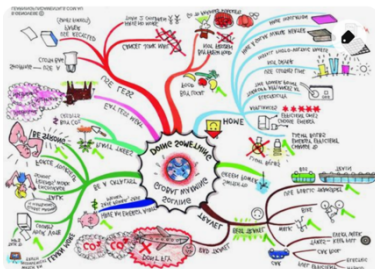
Essential Question: How can we help to “Restore our Earth”?

Earth Day is just around the corner. Although Earth Day is celebrated on April 22nd of every year, we must take care of it every day; not just one day out of the year. Students will go on a field trip with Ms. Frizzle in The Magic School Bus to learn about Climate Change. Students will learn how to Reduce, Reuse, and Recycle and then have a chance to put what they have learned into action by planning and implementing a Climate Challenge project(s) to help with their part to "Restore Our Earth". Students will also find a clever way to make a simple toy out of a recyclable material. (Part 2- Arbor Day) will be available in April.

- 3-5-ETS1-1. Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
- 3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
- HGSS Benchmark 1.1 The students will recognize and evaluate significant choices and consequences that have impacted our lives and futures.

Classroom Teacher Supplies Needed:

- Reduce/Reuse/Recycle print out (1 per student) – for Mind Mapping as we read through our adventure.



Be sure to sign up for (Part 2-Arbor Day) in April.



Program Connection Information

Please use an external microphone (conference style) rather than the integrated one in the computer for the audio for your class and locate it centrally in the room. It can be difficult for the Greenbush teacher to hear the students using the computer microphone and therefore it reduces the interactive nature of the lesson. It is fine to use the computer webcam for your video source.

All classes will take place using Zoom desktop video. If your building is already set up to use a desktop video application with a computer, simply open a browser and enter <https://greenbush.zoom.us/j/5337714346> in the URL space. You may need to download Zoom launcher software (free download) if you don't already have it. This needs to be done in advance of the lesson.

If using a Polycom video conferencing unit (or any legacy type video conferencing unit) to connect to a ZOOM conference, make sure the unit is in "encrypted mode" then dial the following IP on the internet: 162.255.37.11 or 162.255.36.11 and once connected, they will ask for a MEETING ID: enter 533 771 4346 (for Sheila at Science Center).

It's always a good idea to touch base with your district technology facilitator prior to your program to make sure all systems/equipment are in place and operational and that there aren't any firewalls in place that might prevent you from connecting to Zoom.

Once you connect, you will enter a Zoom waiting room. Your Greenbush teacher will admit you into the final meeting room.

If you have questions, please call Sheila Sandford at Greenbush, 620-724-6281, or email at sheila.sandford@greenbush.org (best method of contact).