

Grade 4 for week of 4/20-24, 2020

I hope you enjoyed your Easter Break. Please send copies of your finished work to me at: phelgerson@childrenofpeaceschool.org It needs to be an upright picture, not sideways. That way I can get an idea of how you are doing and if you understand it. If you do any of the work on a computer instead of writing it out, you could send a word document copy of it to me and I would be able to write directly on it to reply to you. Originally I said to bring it to school but we are out longer than originally planned and I need to know how you are doing. At the end of the week send me an email and let me know the following things:

- How are you?
- Did you understand your lessons?
- Did you complete all your lessons?
- Is there something you need more help or clarification with? If so, what is it?
- Is there anything you would like me to keep in my prayers?

Science and Social Studies work will be done together this week since we will be celebrating Earth Day and learning how to take care of our Earth.

Mon. APRIL 20, 2020

1. Watch the videos on recycling at the following link:
https://www.youtube.com/watch?v=9goFU_Z2zZg&list=PLMxa3IaUWUsva3sZasOZvMgeL-HW5gnil&index=46
2. <https://www.youtube.com/watch?v=M-ToVO-552s>
 1. Why is it important to recycle?
 2. What can be done with materials that are recycled?
 3. What kind of materials can you recycle?
 4. Today as you go through your day, notice the things you use. Think about how you could reuse them. Make a list of them and tell us if they can be recycled or not.

Tues. APRIL 21, 2020

Watch the following video:

<https://www.youtube.com/watch?v=VIRVPum9cp4>

And look at this old Earth Day video. Be sure to read the text on it:

https://www.youtube.com/watch?time_continue=8&v=ACaFPq9wOp4&feature=emb_title

Download the worksheet **Conservation Counts** and complete it.

Read the passage. Find a word in the word bank that could replace each number. Write the word on the matching line. Use each word only once.

Also do the activity: **Write two things you and your family can do to conserve resources**

Wed. APRIL 22, 2020

Watch this video on Earth Day “Hooray

For Earth Day!” [https://sn1.scholastic.com/issues/2019-](https://sn1.scholastic.com/issues/2019-20/040220.html?promo_code=6294&magazineName=SN1&eml=CM/smd/20200414//txtl/facebook/edSN1&fbclid=IwAR1O72aByFhuoloRTD0OA9TiiumBfUNvxoiEH90TBLjhe-gqjt8x9W1A6SM)

[20/040220.html?promo_code=6294&magazineName=SN1&eml=CM/smd/20200414//txtl/facebook/edSN1&fbclid=IwAR1O72aByFhuoloRTD0OA9TiiumBfUNvxoiEH90TBLjhe-gqjt8x9W1A6SM](https://sn1.scholastic.com/issues/2019-20/040220.html?promo_code=6294&magazineName=SN1&eml=CM/smd/20200414//txtl/facebook/edSN1&fbclid=IwAR1O72aByFhuoloRTD0OA9TiiumBfUNvxoiEH90TBLjhe-gqjt8x9W1A6SM)

And click the arrow on this link to watch the video <https://pbskids.org/video/sid-science-kid/1872446223>

1. Draw a line down the middle of a sheet of paper to make a T chart. On the top left label it “Things that are helpful to the earth.” On the right side label it “Things that are harmful to the earth.” Brainstorm ideas of things to write in each category. For instance on the left side, “Things that are helpful to the earth” you might list trees. On the right side, things that are harmful to the earth you may list fuel emissions. After you finish today’s activities go back and look at your list to see if you can add any more items to your chart.
2. Download the **worksheet “Earth Day: Cause and Effect”** and complete the worksheet “If I...then_____”. Also do the bonus activity: On another sheet of paper, design an Earth Day poster using one of the ideas

Commented [PH1]:

Thurs. APRIL 23, 2020 Watch the following video about what happens at a recycling plant. https://www.youtube.com/watch?time_continue=66&v=629clJ5VZFc&feature=emb_title

and

https://www.youtube.com/watch?v=hdGjIKJsgRk&feature=emb_rel_end and

<https://www.youtube.com/watch?v=CRwYIJgsbVQ&list=PLMxa3IaUWUsva3sZasOZyMgeL-HW5gnil>

When you are done, answer the following questions:

1. Do you recycle at home?
2. What types of materials can be recycled?
3. Should plastic bags be put into the recycling bin? Why or why not?
4. What are some things you should do to be sure the things you recycle do not cause a problem?
5. Download the [earth worksheet](#) and color it. On the backside, **write two or more paragraphs describing ways we can take care of the earth.**

Friday April 24, 2020

Watch the 3 recycling videos on this link

<https://www.teachervision.com/recycling/recycling-waste-management-educational-videos-activities>

Download the worksheet the Clean Machine.

Read it and answer the questions. I did make a copy of it below if you cannot access a printer, but the download would be easier to use if you have access to one. The last part of this asks you to design your own Clean Machine.

Its purpose is to make dirty water clean. You can use living and nonliving things. On a separate sheet of paper, make a diagram of your clean machine and label it. Then describe how it works. You will need to do this one as an individual project instead of a group project since we are not meeting in a group.

Making the Connection: Clean Machine

A new technology using living things is making water clean again.

Nobody likes dirty, smelly water. Or do they? As a matter of fact, a Living Machine thrives on it! What is a Living Machine? It's a water-cleaning machine made of living things. Sound impossible? Well, it takes some explaining.

Some plants, snails, and fish can use the pollutants in water as food. The plants absorb poisonous gases from the water. The fish or snails eat tiny, floating pieces of garbage. The Living Machine is an invention that uses these organisms to clean polluted water.

Here's how the Living Machine works: Dirty water from a factory or town is pumped into a tank. The water next flows through filters that remove bad smells. Then the water flows into an open area containing plants and other living things. These organisms eat most of the pollutants. When the water leaves this area, it looks crystal clear! You wouldn't want to drink it, but you could use it to wash your car. It can be used to irrigate plants. It can be used to clean streets.

The Living Machine provides a food source for many organisms. For humans it takes the hard work out of cleaning dirty water. Don't you wish you had a Living Machine in your back yard?

1. Clean water is important to us. List four things we use it for.

2. Which of these things do you think produces the most dirty water? Rank them from 1 to 5 by putting numbers next to each.

_____ brushing your teeth _____ flushing the toilet

_____ factories _____ washing the dishes
_____ washing clothes

3. What things need regular cleaning in your home? List three of them. Describe how each is cleaned.

4. Is there a lake, river, or pond near you? How clean does it look? Do you think it is polluted? If so, what do you think is causing the pollution?

5. Design your own Clean Machine.

Its purpose is to make dirty water clean. You can use living and nonliving things. On a separate sheet of paper, make a diagram of your clean machine and label it. Then describe how it works.

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Happy eLearning! Remember to send a report to me at the end of the week:

1. How are you?

2. Did you understand your lessons?

3. Did you complete all your lessons? **(If you did not, what is your plan to complete them?)**

4. Is there something you need more help or clarification with? If so, what is it?

5. Is there anything you would like me to keep in my prayers?

Please do not wait to email me if you need help. My email is:
www.phelgerson@childrenofpeaceschool.org

Have fun learning Social Studies and Science!

Love, Mrs. Helgerson :)

Science Standards covered this week: (Natural resources and humans in the environment 4.13.03 Give examples of how the supply of many resources is limited (e.g., wood, fish), while many materials can be reused or recycled. Natural hazards and level of risk 4.13.04 Explain changes in the environment that humans can cause and when these can be hazardous (e.g., increased erosion, pollution). 4.11.01 Formulate and ask questions on a specific science topic and outline ideas for steps to answer the questions 4.11.07 Report and display the results of individual and group investigations. 4.11.08 Identify a design problem and propose possible solutions to the problem with words and design sketches. 4.11.09 Develop a plan, design a procedure to address the problem, and identify constraints (e.g., cost, time, materials, space, technology, safety) 4.12.01 Describe that organisms' behaviors develop for adaptation to their environments.)

Social studies standards for the week: 4.17.23 Explain how the use of natural resources affects the environment.)