



TEXT PLEDGE

RISE UP

ACTIVITY BOOK

**PROTECT
THE ENVIRONMENT
GRADES 7 - 8**



NAME: _____

www.textpledge.us

ABOUT TEXT PLEDGE



Text Pledge is a nonprofit in Greater Grand Rapids, MI, that seeks to change the world one pledge at a time. Our pledges focus on ending some of the worst social issues affecting our communities, from distracted driving to acts of violence. Each pledge challenges members to practice compassion, and speak up when they witness injustice. We encourage you to help others in times of crisis. Together, we can make the world a kinder place.

Our pledge program includes the following elements available on our website www.textpledge.us and the Text Pledge App available on iOS/Google Play.

NATIONAL SMART CARD

EMERGENCY HOTLINES
AND RESOURCES



FREE
DOWNLOAD

NATIONAL STATISTICS

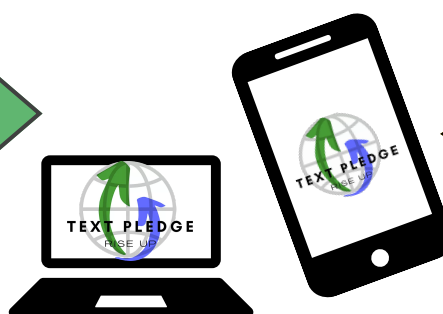
UPDATED MONTHLY
TO REFLECT THE IMPACT OF
EACH PLEDGE TOPIC IN OUR
WORLD



VISIT OUR
WEBSITE

EDUCATION PROGRAMS

ACTIVITY BOOKS
FOR AGES KINDERGARTEN
THROUGH GRADE TWELVE.
AVAILABLE ON THE TEXT PLEDGE
WEBSITE AND THE MOBILE APP.



DOWNLOAD
OUR
MOBILE APP

WWW.TEXTPLEDGE.US





A Message From Our Founder

Greetings friends,

We are here to raise awareness of protecting the environment. Preserving the earth should be urgent for every living person. Taking care of the environment is like taking care of our home—the big home we all share, called Earth! We want to keep it clean and healthy so that we can enjoy the fresh air, clean water, and beautiful nature around us. Imagine a world where the trees are always green, the oceans are full of fish, and the sky is clear and bright. That's the kind of world we want for ourselves and for the future. In this lesson you will learn how to reduce, reuse and recycle properly. Additionally, you will take a closer look at your own habits and learn what it means to be carbon neutral. Every little thing we do adds up to make a big difference.

Visit us at TextPledge.us and share with us what you're doing to make the environment a better place in your community.

Happy Learning!



Ms. Naomi
Founder at the TextPledge Project



PLASTIC RECYCLING

Did you know there are SEVEN different classifications of recyclable plastics? Learn about which plastics are included in each category by deciphering the anagrams below. The use of internet research is optional.



lyetelephony aphthaeletter

____polyethylene terephthalate_____

PET or PETE. It is found in **single-use bottled beverages** such as Soft drinks, water, ketchup and mouthwash bottles etc..

eighthsi-ndy neophyteyell

HDPE. It is found in **Milk jugs, juice bottles, bleach, detergent, household cleaner bottles**, and also commonly used in **packaging**.



ivlyonply coriheld

PVC. It is commonly used in **pipng** and **siding**, but also found in **blister packaging, wire jacketing** etc..

PLASTIC RECYCLING

(cont.)

dew-tylosin ellyeyotpenh



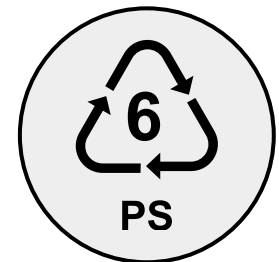
LDPE. It is used in **squeezable bottles**, **dry-cleaning**, **shopping bags**, **tote bags** and **furniture**.



eloyopenlyppr

PP. It is used in syrup and **medicine bottles**, **caps**, and **straws**.

entypyloser



PS. It is found in **disposable foam drinking cups**, **take-out "clamshell" food containers**, **egg cartons**, **plastic picnic cutlery**, and **foam packaging**.



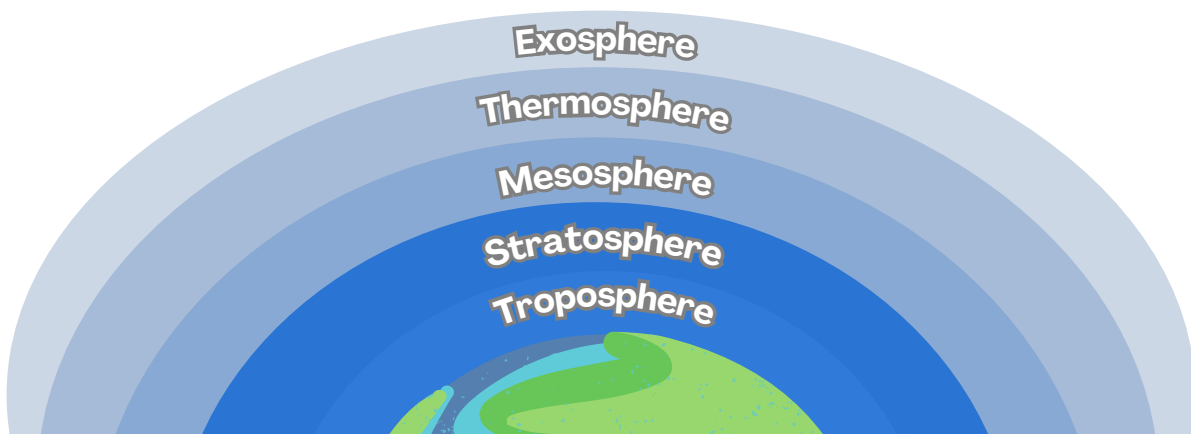
Other (**BPA**, **Polycarbonate** and **LEXAN**). This category was designed as a catch-all for polycarbonate (PC) and "other" plastics. Number 7 plastics are used to make **baby bottles**, **sippy cups**, **water cooler bottles**, and **car parts** etc.

WHAT ATMOSPHERE?

The atmosphere of earth is compromised of five layers. These layers extends up to 10,000 km above earth's surface. Can you identify each atmospheric layer based on the clues below? Write the correct layer next to each statement below.

- Named after the Greek words for "layered" and "sphere." It is where most of Earth's weather occurs; including clouds, rain, and storms.
- It lies above the stratosphere and below the thermosphere. Meteors burn up in this layer creating bright streaks in the night sky.
- The upper boundary of this layer is the thermopause. Where the International Space Station orbits.
- It protects life on Earth from harmful solar radiation. Found above the thermosphere.
- Temperatures here generally increase with altitude due to the absorption of solar energy. The region where the highest clouds called noctilucent clouds, form.
- Named after the Greek words for "middle" and "sphere." It protects the Earth's surface by absorbing some of the sun's harmful ultraviolet rays.
- It is the layer in which most of Earth's weather takes place. The densest layer of the Earth's atmosphere.
- This layer is important for radio communications. Named after the Greek words for "heat" and "sphere."
- The boundary between this layer and the stratosphere is called the *tropopause*. The layer where all living organisms, including humans, breathe and live.

Stratosphere



THE ATMOSPHERE

WORD SEARCH

Can you find the words hidden in the puzzle?

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | R | O | P | O | S | P | H | E | R | E | A | N | S |
| G | R | E | X | O | S | P | H | E | R | E | A | S | S |
| A | A | S | L | Y | M | L | A | Y | E | R | S | U | T |
| S | Z | O | A | A | G | T | O | S | A | U | R | U | R |
| E | I | V | Z | L | B | E | I | T | I | S | H | V | A |
| S | L | T | E | O | T | L | N | L | A | A | C | A | T |
| C | A | R | B | O | N | D | I | O | X | I | D | E | O |
| T | W | A | W | N | N | E | H | O | G | U | O | E | S |
| V | E | M | E | S | O | S | P | H | E | R | E | U | P |
| A | A | R | O | F | R | O | N | C | H | I | V | T | H |
| P | T | H | E | R | M | O | S | P | H | E | R | E | E |
| O | H | C | Y | N | M | E | Y | O | C | O | N | L | R |
| R | E | A | E | U | N | C | O | U | N | N | R | U | E |
| N | R | N | R | N | I | T | R | O | G | E | N | U | N |

EXOSPHERE

NITROGEN

CARBON DIOXIDE

OZONE

MESOSPHERE

OXYGEN

STRATOSPHERE

LAYERS

TROPOSPHERE

WEATHER

THERMOSPHERE

GASES

Environmental Entrepreneurship

Modern innovations are always providing new products and services that are environmentally friendly. Conduct internet research and list your top three favorite eco-friendly products. Include the product name, price and description.

Environmental Legislation

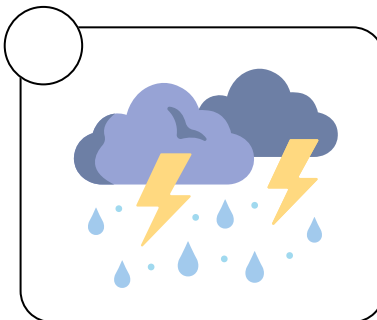
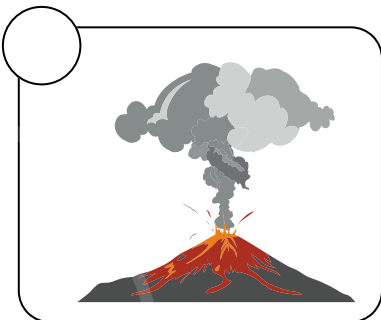
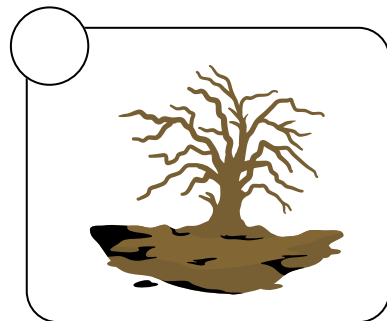
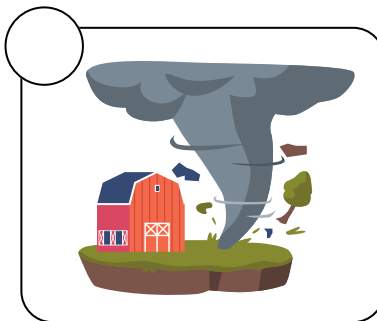
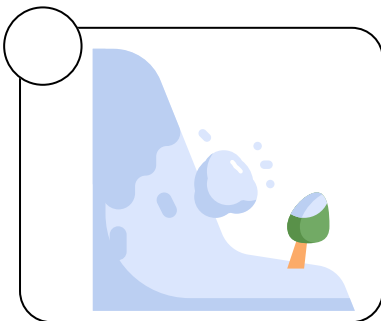
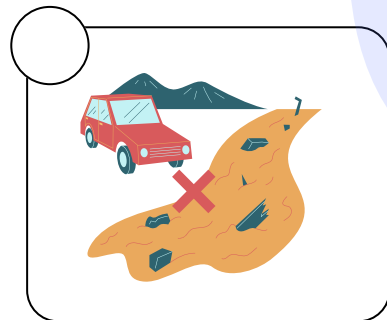
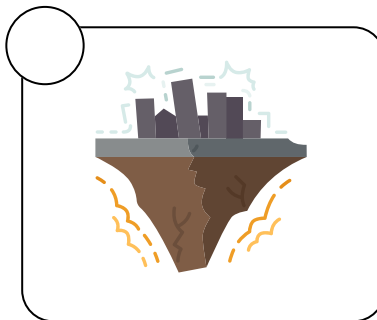
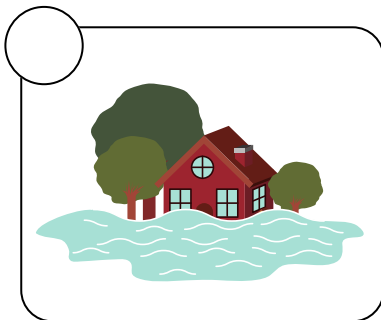
Governments often create rules and laws to help protect the environment. Conduct internet research and write a brief description of an environmental law that you find impactful.

Environmental Event Planning

Imagine you and your friends are organizing a school event focused around environmental protection. What will your event be named? What is the cause? Create a flyer for your event below.

NATURAL DISASTERS

A. Match the pictures to the names of the natural disasters. Write the number inside the circle.



1 drought

2 volcanic eruption

3 tornado

4 flash flood

5 avalanche

6 earthquake

7 wildfire

8 landslide

9 thunderstorm

B. Write the name of the natural disaster described below.

It is the result when the Earth's tectonic plates suddenly shifts and the ground violently shakes.

It refers to any substantial flow of rock or debris down a slope.

a sudden local flood, typically due to heavy rain.

a prolonged period of time during which drier-than-normal circumstances cause a shortage of water.

a mobile, destructive vortex of violently rotating winds having the appearance of a funnel-shaped cloud and advancing beneath a large storm system.

C. Choose a natural disaster and describe its cause and effect.

CAUSE

EFFECT

Preparedness Plan

Are you prepared in the event of a natural disaster?

Answer the questions below.

Identify a natural disaster that may occur based on where you live.

| Y | N | N/A | |
|--------------------------|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does my household have a emergency preparedness plan documented? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does my household know where to reconnect if we are separated during a natural disaster? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does my household have a communication plan in the event of a natural disaster? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Have we gathered supplies in the event of a natural disaster? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Will those supplies last a minimum of 72 hours? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Do we have an emergency preparedness kit in each vehicle? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does everyone in the household know when and how to turn off all household utilities such as water and electricity? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does everyone in the household know where to find and use emergency supplies such as fire extinguisher and first aid kits? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is there anyone in my household with special needs to be accounted for during a natural disaster? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Is anyone on my household trained in CPR/First Aid? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Does my emergency plan account for household pets? |

For emergency planning resources, visit <https://www.redcross.org/get-help/how-to-prepare-for-emergencies>

Race for Carbon Neutrality

Governments and international organizations worldwide have been taking increasingly aggressive steps to combat climate change. One of the key strategies to reduce greenhouse gas emissions is to encourage or mandate businesses to become **carbon neutral**. Here are some potential measures and trends that could be part of upcoming environmental protections.

Carbon Pricing: Governments may implement carbon pricing mechanisms such as carbon taxes or cap-and-trade systems. These systems put a price on carbon emissions, encouraging businesses to reduce their carbon footprint to avoid extra costs.

Carbon Offset Requirements: Businesses might be required to invest in carbon offset projects, such as reforestation or renewable energy projects, to compensate for their own carbon emissions. This helps balance out their carbon footprint.

Renewable Energy Mandates: Governments could require businesses to derive a certain percentage of their energy from renewable sources. This could involve installing solar panels, wind turbines, or other renewable energy systems on their premises or purchasing renewable energy credits.

Public Procurement Policies: Governments can influence carbon neutrality by implementing green procurement policies, preferring to do business with companies that have certified environmentally friendly practices.

Regulations on Energy Efficiency: Governments can introduce regulations that mandate businesses to improve energy efficiency, whether it's in manufacturing processes, office buildings, or transportation fleets. This can involve upgrading equipment, improving insulation, or transitioning to electric vehicles.

Many popular companies have announced plans to become carbon neutral. Take a moment to research one of the companies below OR choose your own.

Walmart

[illegible]

Congratulations!

You have completed the activity book. Taking this pledge is just one symbol of your commitment to make the world a kinder place.

What happens next?

Students can continue to make a difference through the following actions:

- Reflect and practice self-awareness.
- Speak up and confront social issues and injustices.
- Know where to find resources and support.



**Complete our survey for a chance to win
Text Pledge swag!**

Share your thoughts about our activities! We want to know how to make them better.



TEXT PLEDGE

RISE UP



TEXT PLEDGE

RISE UP

Commit to all ten pledges

- 
- 1** STOP DISTRACTED DRIVING
 - 2** END DISCRIMINATION
 - 3** END ACTS OF VIOLENCE
 - 4** PREVENT BULLYING AND CYBER BULLYING
 - 5** RAISE MENTAL HEALTH AWARENESS
 - 6** STOP DOMESTIC VIOLENCE AND ASSAULT
 - 7** END DRIVING UNDER THE INFLUENCE
 - 8** STOP HUMAN TRAFFICKING
 - 9** PROTECT ANIMAL RIGHTS
 - 10** PROTECT THE ENVIRONMENT

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