



FMCA



Middle School Essays



Pollution produced by America Each Year

Poison Dart Frogs Going Extinct



Kalamazoo Oil Spill

Fast Food And It's Effect On Our Health



Global Warming

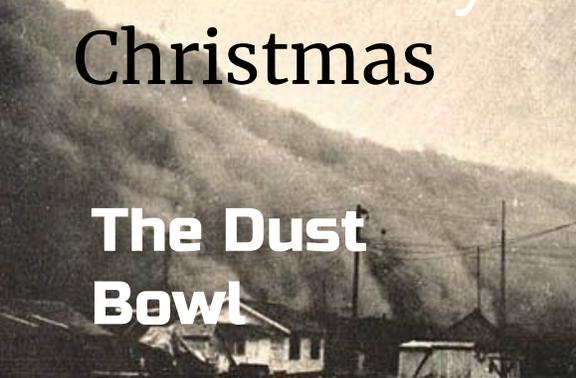
The History Of Christmas



The Great Depression

California Wildfires

Unemployment Rates



The Dust Bowl

Pollution



Cars Effect On Our World



Killing Ocean Animals

Pollution Produced in America Each Year

By Amelia Capuana

Each year 1.2 trillion gallons of untreated sewage, stormwater, and industrial waste is dumped into US waters.

80% of the world's wastewater is dumped back into the environment destroying and polluting the oceans, lakes, rivers, and ponds of the world.

Not only are the larger bodies of water contaminated but so is the groundwater.

Causes Of Pollution

When rain falls it absorbs into the earth which is how groundwater is made. Nearly 40% of Americans rely on groundwater as their drinking water.



Groundwater is contaminated by fertilizers, pesticides, and waste from landfills and septic systems. Decontaminating groundwater can be difficult to impossible. Nearly half of our rivers and streams and over a third of our lakes are polluted and unfit for swimming and drinking. Garbage is thrown outside and animal feces are washed down street drains that empty into a variety of bodies Things such as oils, chemicals, and things used for cleaning are washed down drains and end up in

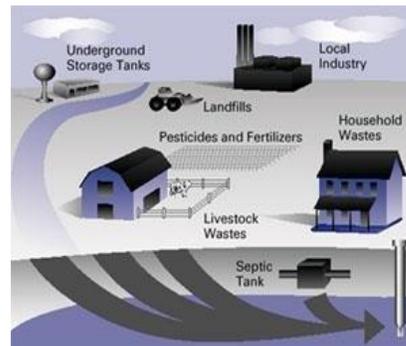
our lakes and rivers because they are not fully filtered and taken care of. This kills all wildlife inhabiting the water or wildlife that depends greatly on these bodies of water.

Pollution Solutions

To help solve this problem you can start by reducing the amount of plastic you use or recycling the plastic instead of throwing it away.



Plastic takes millions of years to decompose and plays a huge part in pollution. Another way is by properly disposing of cleaning products and chemicals so they don't end up down the drain. You can also help by picking up any garbage you see outside and putting them in the correct bins, recycling or garbage.



Pollution Produced in America Each Year

By Amelia Capuana

Melissa Denchak. "Water Pollution: Everything You Need To Know." May 14th, 2018, <https://www.nrdc.org/stories/water-pollution-everything-you-need-know>.

7th grade thoughts



Oil Spills

By: Clayton

Did you know that from 1970 to 2020 700 metric tons of oil have been spilled? 700 metric tons is = to 77.1618 U.S. Tons. 700 metric tons is the whole world, not just the U.S.

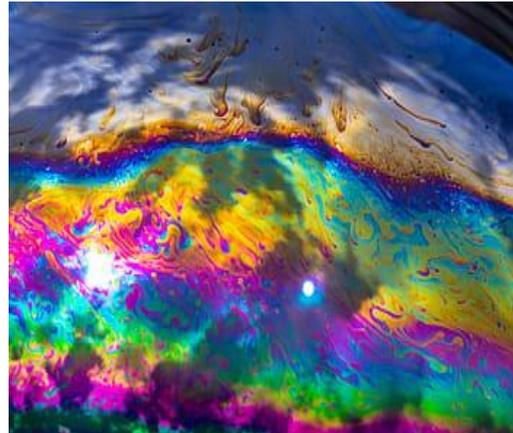
Oil spills can be caused by all sorts of different things. One example is the deep weather horizon. Deep weather horizon was an oil rig in the Gulf of Mexico. In 2010 it exploded and oil got all in the weather.



Then it sank. Now you know how oil spills happen you are probably wondering what their effects are.

Oil spills can have a huge impact on wildlife such as fish seals, humans and many more. Oil spills also have a huge impact on the arctic ice. They can melt it and

leave animals like polar bears without a home.



Oil spills are a big problem but how can we help prevent them? A big problem is overfilling fuel tanks. Boaters should only fill their gas tanks to 90% compensatory so it does not spill or cause problems.

700 metric tons of oil have been produced by the whole world. If we want to be able to swim in our oceans we need to stop Schultes oil in them.



Oil Spills

By: Clayton

National Oceanic and Atmospheric Administration. "Oil spills: A major marine ecosystem threat." <https://www.noaa.gov/explainers/oil-spills-major-marine-ecosystem-threat>

Allison Schultes. When It Comes to Oil and Fuel Spills, Prevention is the Best Solution Container Blog. Publication date. May 15, 2015 <https://oceanconservancy.org/blog/2015/05/05/when-it-comes-to-oil-and-fuel-spills-prevention-is-the-best-solution/>

Job's

BY Ella Henning

People need jobs because they need to work. They are shutting down places because they don't have unfe people to work. Some people don't have jobs because if they get sick they will get their family sick too.



People might be scared because they might get sick. Some people are really germ-phobic so that is a reason that some people don't get jobs.

We need more workers - there are not enough people. Work is a thing so that you can get money to get food and live in a home, have a family, have fun, and if people don't get one then they can't or won't have any stuff.

There's a lot of things that we don't know about people and they have their reasons that they are not getting a job and that is ok because if they dont want one then that's their choice.

Ever since the covid 19 spread came there are a lot of people that don't get jobs because of that.

4.3 million people don't get jobs because they don't want to get covid of any other sickness. or they already have an illness; they just don't go to work because they

have a chance of getting sick.

Jobs are so important in all reasons it is important because it helps the environment and it helps people. Because of all that is happening right now, I understand why a lot of people are not getting them. You can't be mad if you see someone that doesn't have a job. We see some people on the streets that can't get food or have a home. Some people get mad about that but you shouldn't judge their decision. We can't change that - the only thing that we can do is pray that people will get the sense to get a job.



Father Marquette seventh grade magazines

With facts about

Oil pollution

Poison frogs

Global warming

Christmas

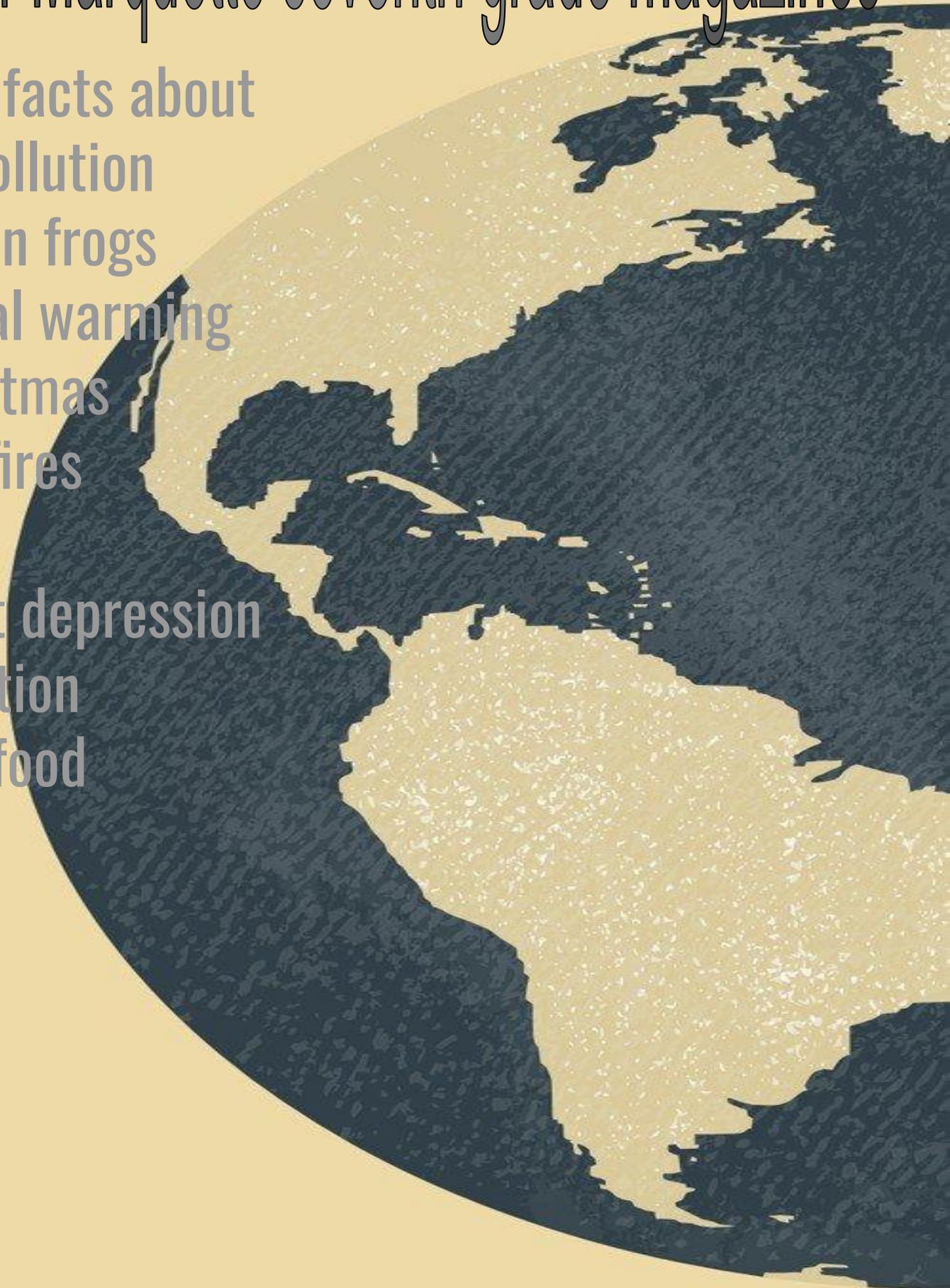
Wildfires

Jobs

Great depression

Pollution

Fast food



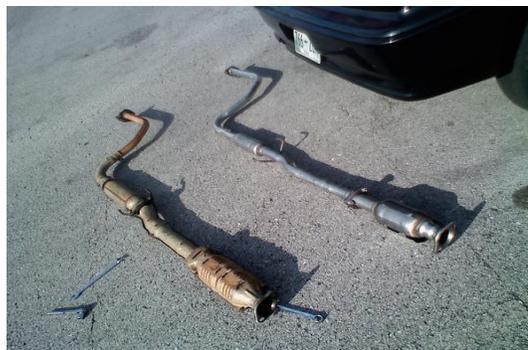
Greenhouse effect and what Cars and Trucks have to do with it

By Everett Boburka

The greenhouse effect is a process that occurs when the earth's atmosphere traps the sun's heat. Without it we would not be able to survive the cold climate. However, because of the effects of too much carbon dioxide, the earth is becoming too hot. So what do cars and trucks and more modern engines have to do with the rising greenhouse effect?

How much. Our cars are a major part of the pollution that may contribute to global warming. Cars and trucks account for nearly one fifth of all US emissions. About twenty four pounds of carbon dioxide are emitted for every gallon of gasoline. Plus, the heat trapped in the tailpipes of vehicles create up to nineteen pounds per gallon per car. In total all vehicles, from small cars to planes, make up thirty percent of the greenhouse gasses. That is almost as much as any other emissions sector in the world.

Cool sounds. In the U.S., all cars must use a catalytic converter to reduce emissions. A lot of people, however, like to take the catalytic converter off of their car to make it sound more loud and cool. The catalytic converter is what filters the exhaust fumes. It could make up for one straight pipe and could be double of a normal exhaust. Just because it sounds cool doesn't mean it is good for us.



Diesel or petrol/gas. There are a lot of people that say that diesel cars or trucks are bad for the environment. But in the past years scientists have been saying that diesel is not as bad as normal gas cars. Diesel cars emit 10% less Carbon dioxide into the atmosphere than petrol gas does. Diesel produces more sound pollution and it produces harmful chemicals to the air that can affect people. Some of these effects include coughing, irritation of the eyes, itching skin, and lung irritation. Back when the first diesel cars and trucks came out they were less efficient than petrol and produced more carbon dioxide and other chemicals into the atmosphere. As scientists learned more, they made filters to clean 90 to 99% of the pollution particles that are filtered, but it still doesn't fix the problem.

How we can help. Scientists are searching for many different solutions.

Some potential ideas might be using fuel efficient vehicles that use less gas. Also, creating gas that is cleaner and better for the environment. The cleaner fuel can reduce emissions by eighty percent. Also we can move to more electric vehicles that produce zero emission. People could use more public transportation. If people do drive, they should be easy on the gas and brake and take care of the leaks that may occur in their cars. We have feet and bikes we can also use for getting us to work or school.

Greenhouse effect and what Cars and Trucks have to do with it
By Everett Boburka

Union of Concerned Scientists. "Car emissions and global warming" published Jul 18, 2014
<https://www.ucsusa.org/resources/car-emissions-global-warming>

Written by Middle school Eagles

Negative
Impacts
of
Fast Food

Positive
Minds

Extinction

Pollution

Expository

The
Dust
Bowl

Ocean
Animals

Christmas
History

oil spills

Articals

The Great
Depression

Jobs

California
Wildfires

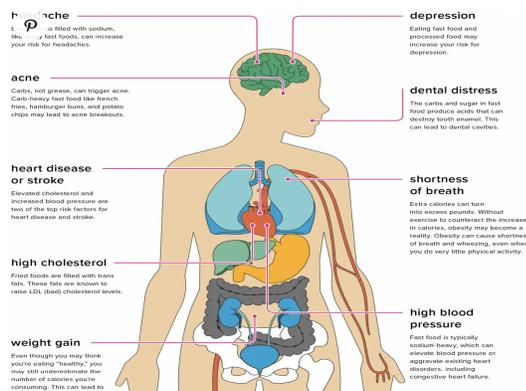
Negative Impacts of fast food

By: Grace Matt

“In comparison to 40 years ago, the average American family now spends half their food budget on restaurant food. In 1977, just under 38 percent of family food budgets were spent eating outside the home”(Pietrangelo).

Health Problems

According to health writer Ann Pietrangelo, fast food can cause a variety of



health problems, such as obesity, depression, digestive issues, heart disease, diabetes, and cancer. This information is important because if you eat too much fast food in your daily life you need to know what you could be signing up for.

Mind Setting Changes

Too much fast food can also cause certain mental health conditions. “Even mental health may be affected by the frequency of your trips to the drive-thru. The journal [Public Health Nutrition](#) reported in a January 2012 study that eating more fast food was associated with a higher risk for depression”(Livestrong). Excessive weight gain can lead to body dysmorphia

also aiding in increasing depression. Depression is a mood disorder that causes a repeating feeling of sadness or loss of interest in a lot of things.

What is in fast food that makes it bad for you? There are a variety of things in fast food and junk food that can cause problems in your body. Most fast food is high in sugar, salt, saturated fats, trans fats, processed ingredients, and calories. Meanwhile, fast food is deficient in healthy nutrients such as antioxidants, fiber, and vitamins.



This information is important to know because you will want to know this before you make unhealthy choices for your friends, family, or yourself.

Negative Impacts of fast food

By: *Grace Matt*

The Effects of Fast Food on the Body Ann pietrangelo

<https://www.healthline.com/health/fast-food-effects-on-body#sodium>

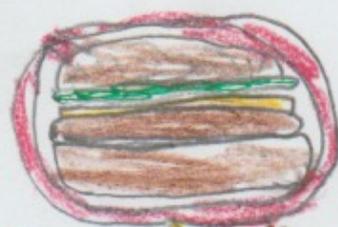
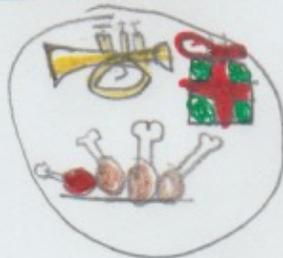
Seventeen Serious Negative Impacts of Eating too much Fast Food

<https://www.eatthis.com/what-happens-to-your-body-when-you-eat-fast-food/>

The Effects of fast food <https://www.livestrong.com/article/283394-negative-effects-of-fast-foods/>



The deep end of the
rust bowl



7TH GRADE
CROSSOVER



Danger



California wildfires

By Jackson Gregorich

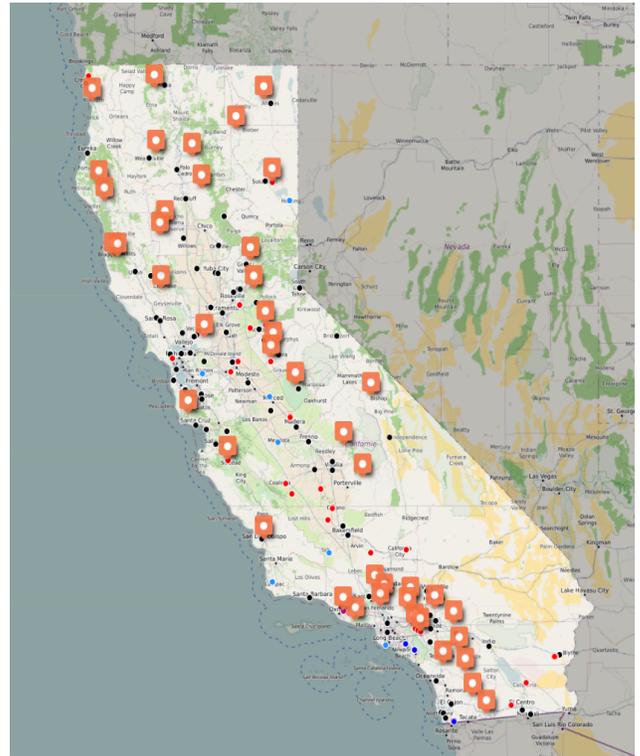
I am going to tell you a way to save both animal and human lives. Wildfires are dangerous things that can start very easily. They take animal as well as human lives all the time in California. There are a few simple things we can do to prevent this from happening.

Unusual drought has lots of negative effects on California. Flames can spark against trees easily. Loss of water has made it so trees spread and burn fast. People often don't have enough water to put out flames. Drought has made it so California has lost much water used for fires. I'd rather fight 100 structure fires than a wildfire. "With a structure fire you know where your flames are, but in the woods it can move anywhere; it can come right up behind you."

Heat exhaustion is one reason flames spread so fast. Trees crumble and make great firewood. The trees have all moisture drained from them due to heat until they crumble. Ozones come down during most heat waves and damage all plants. The ozones enter plants and open the stomata which need to stay closed for plants to stay safe and healthy.

Ways to prevent wildfires from starting. Check weather and drought conditions. You can figure out whether it is safe or not to start a fire. Douse your fire until it's cold. If water is poured over the entire fire nothing will be left to burn. "One less spark means one less fire."

I have now told you about wildfires and how to prevent them. If we pay attention we can save lots of lives, humans, plants and animals.



<http://www.brainyquote.com>

<https://www.nifc.gov>



th

Grade



Real World

Events



HOW HAS CHRISTMAS CHANGED OVER THE YEARS?

BY :KATJA TUURI

When you think of Christmas you might think of gifts and food but it wasn't always like that, it was actually a lot different. Christmas has changed a lot over the years and here is how.



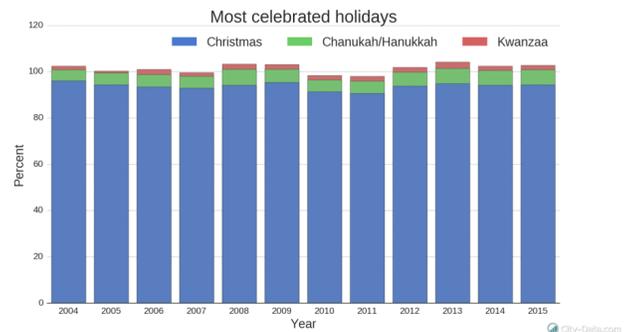
Christmas Origins

Christmas started in 336 B.C., in Rome. Christmas started in Roman times as a holiday to celebrate the sun god called Saturn. Instead of Christmas it was called Saturnalia. On this holiday the Romans celebrated with food, gifts, singing and being with their families. This holiday was very much like Christmas.

Christmas Changes

Christmas didn't really become a significant holiday until the 1900s when Americans started to re-invent Christmas. Many people made the holiday about Jesus because December 25 was his birthday. Another thing that made Christmas more popular was the brand Coca Cola. This brand you all know and love made Santa famous. Every year during December all their bottles would have Santa Claus

on them. This made kids believe in the magical character. Another thing that changed was the trees. You may love decorating the tree for Santa to put presents under but only a limited number of people had a tree. But over the years they became a Christmas staple.



Present day Christmas

Christmas was a lot different than it is now. We like to open presents, decorate the tree, and be with our families. Now we even have different holidays that we celebrate instead of Christmas like Hanukkah and Kwanzaa.

Christmas is always a special holiday even if you don't celebrate it like everyone else or if you don't celebrate it at all. Christmas has changed a lot over the years. How do you celebrate Christmas? Has your family traditions changed?



HOW HAS CHRISTMAS CHANGED OVER THE YEARS?

BY :KATJA TUURI

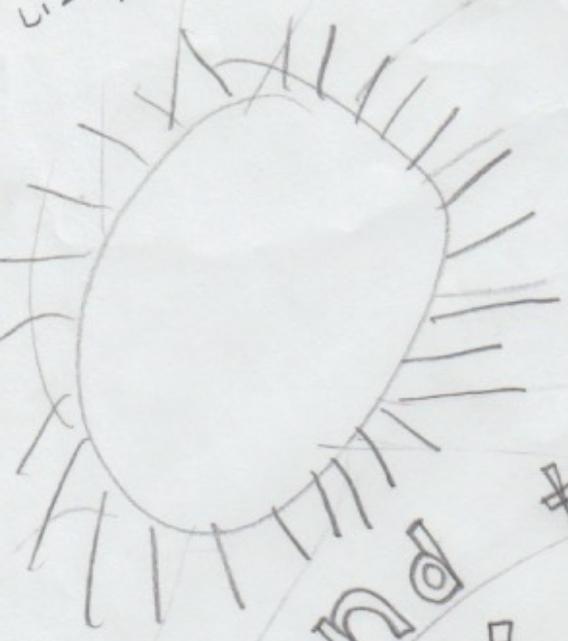
Pavel Prikhodko, What to celebrate during the christmas season, Citydata.com,
Citydata.com,
<http://www.city-data.com/blog/4035-what-to-celebrate-and-where-to-travel-in-winter-holidays/>

History, Saturnalia, History.com
<https://www.history.com/topics/ancient-rome/saturnalia>

PenneRestead, Christmas in the 19th century, Historytoday.com
<https://www.historytoday.com/archive/feature/christmas-19th-century-america>

Lizzy

Around the World in one day



pollution

River Oil

frog extinction

the dust bowl

changing Christmas

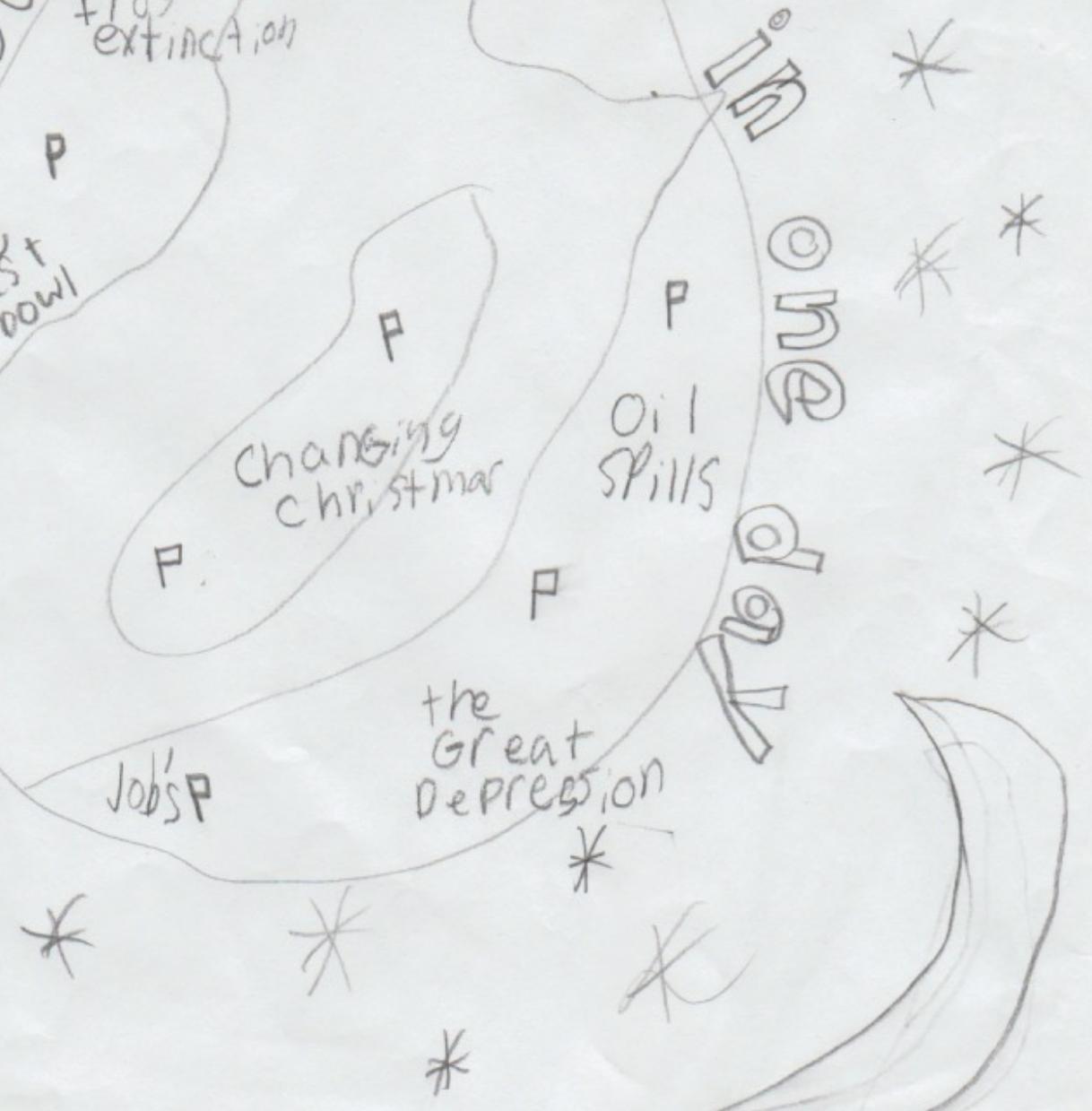
Oil Spills

the Great Depression

Job's

P
P
P
P
P
P
P

P
P
P
P
P
P
P
P



The dust bowl

Author: elizabeth mcknight

The depression

The great depression is a historical event that brings tears to our eyes when we even think about it. The dust bowl was a tragic event that happened during the great depression killing more than 7,000 people and leaving 2,000 people homeless.

The big move

When the great depression hit, the world struggled to keep alive but when the dust bowl hit wheat production fell 36 %. When production fell people began to leave in search of hope. More than 3.5 million people fled. People who stayed behind thought maybe things will get better but they were wrong. More than 278,000 livestock died leaving food even more scarce than it already was.



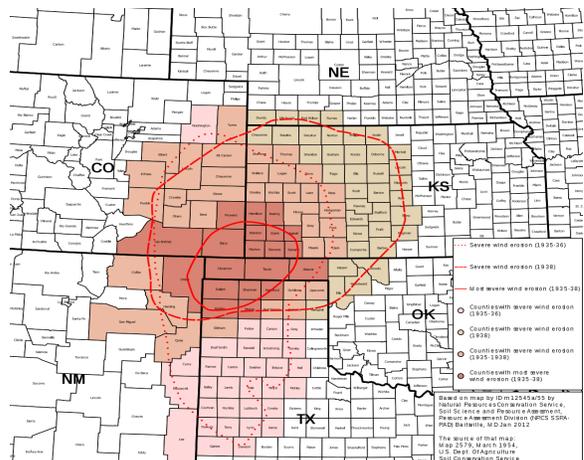
The slaughter

Then as things started to calm down the grasshoppers and rabbits invaded eating what was left of their crop and vegetables.

Then when no one thought it could get any worse, President Roosevelt decided to round up all of the livestock and send the healthy livestock to the slaughter, and the sick livestock they rounded up and shot. Not even a calf was spared.

The end

In 1930 the dust bowl began and after years of tragedy and perseverance, it began to decrease in dust storms, and finally, after a decade it stopped. There still are dust storms every so often and no one will ever forget the lives lost in the great and terrifying dust bowl.



The dust bowl

Author: elizabeth mcknight

The investopedia team. "Were there any periods of major deflation in us history" september 29,2021

<https://www.investopedia.com/ask/answers/040715/were-there-any-periods-major-deflation-us-history.asp>

History.com editors."dust bowl" oct 27,2009

<https://www.history.com/topics/great-depression/dust-bowl#:~:text=The%20Dust%20Bowl%2C%20also%20known,dus` ``%20stories%20began%20in%201931.>

Jeff berardelli." CBS news" may 21

2020<https://www.cbsnews.com/news/dust-bowl-heat-wave-climate-change-twice-as-likely-study-says/#:~:text=In%20total%2C%20the%20Dust%20Bowl,by%2048%25%20during%20the%201930s.>



**NOW
HIRING**



The Truth

By: The seventh grade

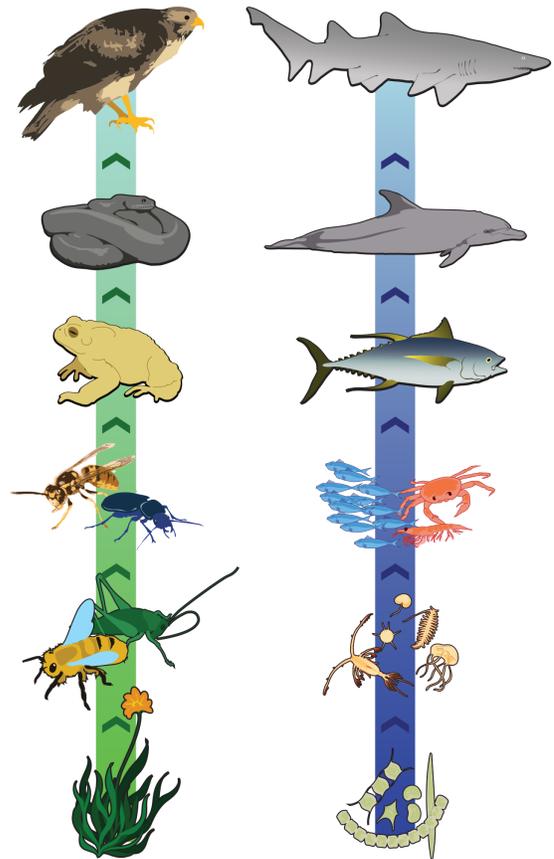


The Kalamazoo River Oil Spill

By: Madalyn Croney

Can you imagine not having drinking water for about two years? Several species of animals and their environments were affected by the oil spill. Many people in the United States went to help. But it wasn't all helpful. The oil spill was very devastating.

In the wetland near Marshall, Michigan, a pipeline leaked into the Kalamazoo River. The oil stranded from the spill was left on overhanging branches and flooded plains, which are food for animals. The animals in the food chain would eat the oil and it would disrupt their bodies and die.



The oil spill would have to modify how boats came through the river. There was traffic, which caused erosion. The erosion led to mussels being crushed.

The oil spill was a disastrous event. It affected people, animals, and plant life. There are still many groups working together to clean up the oil spill.

The Kalamazoo River Oil Spill

By: Madalyn Croney

<https://response.restoration.noaa.gov/>, Office of Response and Restoration, NOAA, Thursday
12, 2019, 10:1.

The 7th Grade Chatlet



The Great Depression of 1929

Matthew R.

LA 7

12-10-21

Expository Writing Essay

In 1929 America entered the Great Depression, leaving millions of people unemployed and homeless. The cause was the sudden crash of the stock market on Wall Street in New York City. The stock market “was the scene of reckless speculation, where everyone from millionaire tycoons to cooks and janitors poured their savings into stocks.” As a result, the stock market quickly grew larger, and suddenly lost value. When the stock market crashed millions of people also tried to get their money out of banks, but with so many



people demanding money at the same time, there was no money left to meet the demand.

The banks across America could not give the people their money back. In the fall of 1930, “the first of four waves of banking panics began,

as large numbers of investors lost confidence in the solvency of their banks.” In 1933, four years in the Great Depression, Franklin D. Roosevelt



was elected president for his first term. During his campaign he promised the country to get them out of this economic collapse and save America. In his first term as president the country's situation improved dramatically, this caused Franklin D. Roosevelt to be elected for a second and third term. Finally in 1939 the Great Depression ended. With the stock market now stable, it is very unlikely that it will happen again.

Work Cited

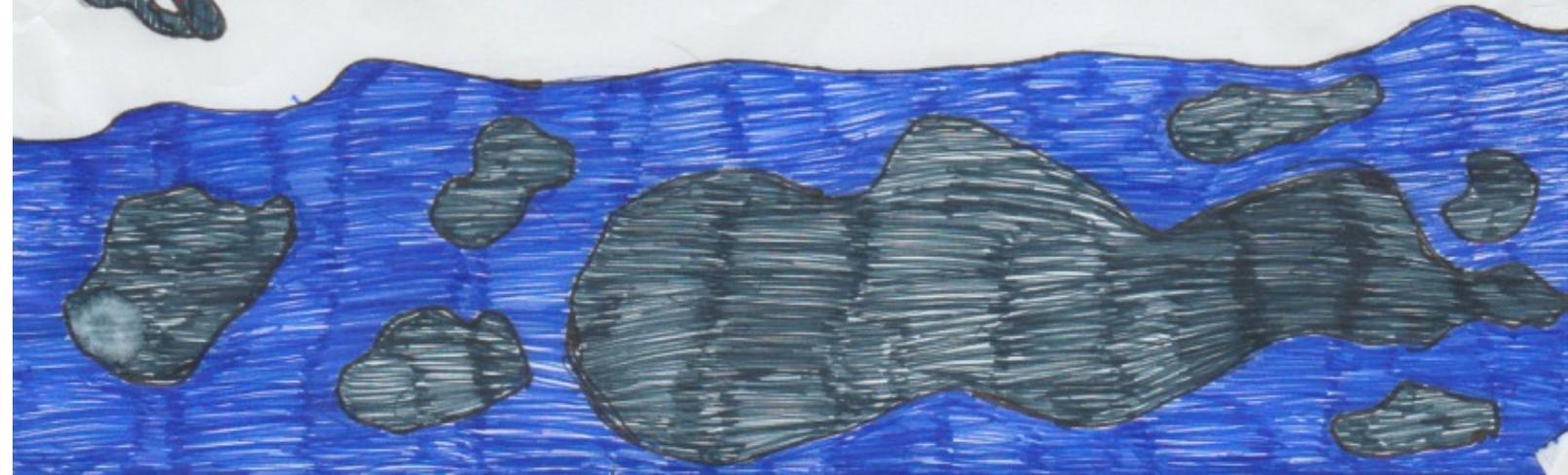
<https://www.google.com/search?q=when+was+fdr+president&rlz> Google.com

The Great Depression of 1929

<https://www.history.com/topics/great-depression/great-depression-history#:~:text=It%20began%20after%20the%20stock, failing%20companies%20laid%20off%20workers>. Television Networks LLC
Great Depression History History.com



What's Happened with our Earth



Ocean animals being affected by pollution

By: Rowan Stensberg

It's crazy how many animals are being affected by ocean pollution in the world today. There are around 1 million ocean animals dying from garbage and people's trash each year.

Plastic is the most common pollution going into oceans. There are around 13 million metric tons going into the oceans each year. So many animals get into plastic and trash.?

Pollution Affecting Sea Turtles

Sea turtles are one of the largest species of animals getting affected by pollution each year. They ingest oils and tar bits spilled into the ocean. It builds up in their immune systems and eventually kills them.

"Sea turtles are vulnerable to all stages of life, from eggs hatching to juvenile adults. They are harmed by pollutants such as fertilizers, chemicals, nutrients, and untreated waste," Ocean Pollution informed us.

Sea turtles can also easily get caught in fishing nets. Fishermen will accidently leave their nets in the ocean and the turtles will get caught in them. Around hundreds of thousands sea turtles get caught in nets each year. There are so many more sea animals that are being affected by pollution.



Pollution affecting whales and dolphins

Whales and dolphins are getting harmed a lot more in the ocean. They are the most harmed by ocean pollution in the ocean. They have a little insulation called blubber that can not handle oils. Whales and dolphins ingest the oils and the oils hurt the whales insulation.

They are also harmed by their prey. Their prey will be contaminated with oils which will cause dolphins and whales harm to their insulation. Whales and dolphins mouths act as filters so when they ingest plastic it piles up in their stomachs. That prevents them from digesting their food and soon they will eat less and get weaker causing them to eventually die.

Every year around 300,000 whales and dolphins die from ocean pollution.

Pollution affecting Sea lions and seals

Sea lions have been endangered by pollution for over seven years.

Afrah Umapathy Said, "Most other animals are known to ingest plastic, sea lions are more likely to get tangled in it." They are most common to get tangled in fishing line, plastic packaging bands, and rubber bands.

Plastic contains toxic chemicals so when a seal or sea lion gets tangled in it they could get a disease. Once seals get tangled they are not able to get out which will cause the plastic to wrap around their bodies and flippers. There are around 136,000 seals and sea lions that die each year from plastic.

How we can prevent pollution affecting ocean animals

There is around 14 million ton of plastic going into the ocean each year causing over 1 million marine animals to die each year. To help this people could stop leaving their garbage on the ground to save so many animals' lives.

Ocean animals being affected by pollution

By: Rowan Stensberg

Afrah Umpathy. What is the effect of ocean plastic on marine life? rePurpose, Nov. 11th 2019

<https://blog.repurpose.global/what-is-the-effect-of-ocean-plastic-on-marine-life/>

NOAA fisheries. Steller Sea Lions, <https://www.fisheries.noaa.gov/species/steller-sea-lion>

Ocean pollution and sea turtles. SEE Turtles, <https://www.seeturtles.org/ocean-pollution>

OUR BIG INTERESTING WORLD



Splendid Poison Frog Extinction

By: **TRAVIS LINK**

Have you ever wondered what happened to the most poisonous frog in the world? This frog just spits out, “don’t eat me, I am very toxic,” with its insanely vibrant skin colors. These frogs are so unique, “ The world might be full of despair and broken promises but it’s also full of brightly colored poisonous frogs”, Shasha Fitzgerald. Sadly this frog went extinct in December 2020 for these reasons, and this is how scientists are bringing them back.

Deforestation

Deforestation was the biggest threat to the Splendid Poison Frog because they already had a small population and they needed perfect conditions for them to thrive and continue reproducing. Their habitat was logged, plowed for urban growth and striped for rail lines leaving almost no habitat for them to live in at all anymore.

Scientific name

Dendrobatidae

Classification

Amphibian

Diet

Carnivore

Size

2.5cm

Number of species

170

Habitat

Tropical rainforest

Lifespan

3-15 years

Conservation status

Endangered



Population chart of Splendid Dart Frog in 2018



Smiling Frog

Hunting

Another big part of these frogs going extinct was that they have been hunted since people first arrived in Puerto Rico for the poison on their arrows to bring down prey. Another fact adding to this was in the 19th century they were trapped and traded in the pet trade which really hurt their already increasingly low numbers.

Reintroducing them to the wild

Scientists have bred these frogs in zoos so that one day after they study these frogs' diet, breeding habits, habitat, and their population trends they might be able to thrive in the wild again.



Splendid Poison Dart Frog

Splendid Poison Frog Extinction

By: *TRAVIS LINK*

Julie Boswell. Endangered Species Spotlight: Splendid Poison Frog. Environmental Advanced Science. February 8th, 2019. <https://easciences.org/endangered-species-spotlight-splendid-poison-frog/>

INaturalist. "Photos of Splendid Poison Frog." Inaturalist. https://www.inaturalist.org/taxa/66279-Oophaga-speciosa/browse_photos?layout=grid

Blue Planet Aquarium. All About the Poison Dart Frog: Weird and Wonderful Facts. Blue Planet Aquarium. 2021-01-05. <https://www.blueplanetaquarium.com/blog/amphibians/all-about-the-poison-dart-frog-weird-and-wonderful-facts/>

The 7th Grade Chatlet



Stock Market

