

# Ms. Gedling's Class Technology Changes

2013-2014

# The Camera

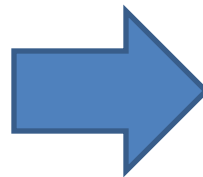
Eleanor

# Introduction

People use the camera to look in the past and to keep your favorite memories.



First, it was the daguerreotype camera



Then it changed to the film camera

# Created

The film camera is special because it traps light on the film and the film needs to be developed.

It was created between 1800 and 1839

Before it was invented, people had to use the daguerreotype camera.

# Helpful and Problems

It was helpful because you could take them anywhere because they were small enough. You could print pictures more than once.

Some problems might be you have to buy film and if you didn't take good care of the film the pictures would be ruined.

# Changing Lives

People's lives were changed in a positive way because you take pictures of anything.

People's lives were changed in a negative way because camera cost a lot of money and people didn't have enough to buy cameras.

# My Opinion

Overall, I think the change from daguerreotype camera \_ to \_the film camera is positive because they were small enough to take anywhere, you didn't have to sit still, and you can take pictures faster.

# The Camera

Helen

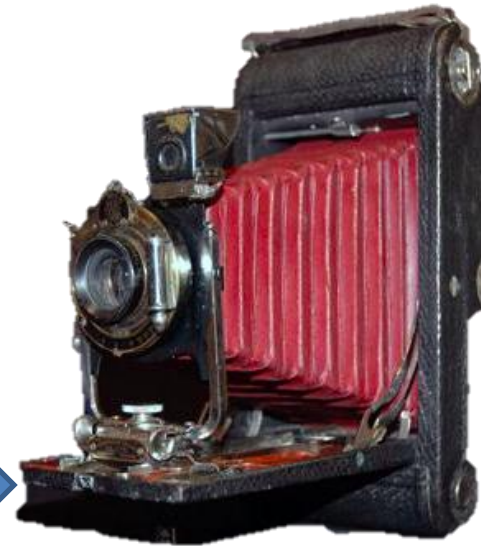
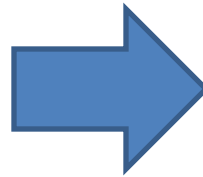


# Introduction

People use the camera to keep memories and look in the past.



First, it was daguerreotype



Then it changed to the film camera

# When it was created

The film camera is special because needs to be developed

It was created between 1900-1999

Before it was invented, people had to paint or draw pictures

# Helpful and nonhelpful

It was helpful because pictures can be printed again. They are small enough to carry around. The film camera is quicker.

Some problems might be you need to buy film. If you didn't take good care of it the film would get ruined.

# Changing Lives

People's lives were changed in a positive way because people could take more pictures of their families and friends.

People's lives were changed in a negative way because they lost lots of money buying film.

# My Opinion

Overall, I think the change from daguerreotype to film camera is positive because it allows people to take more pictures. You don't have to sit still for a long time.

# The Camera

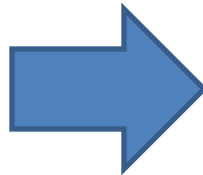
Lilly

# Introduction

People use the camera to keep your favorite memories and look in the past.



First, it was Film camera



Then it changed to Digital camera

# When It Was Created

The digital camera is special because you can take as many pictures as you want, there is no film needed, and no sitting still for six minutes.

It was created between 1900-1999.

Before it was invented, people had to buy film, you had to put the film in a dark place, and a long time ago you had to sit still for 6 minutes.



# Why It Is Helpful And Not Helpful

It was helpful because you don't have to sit still and you don't have to get film. You can take digital cameras anywhere and you can remember your best times. You can delete pictures you don't like or your family doesn't like.

Some problems might be your camera run out of battery and you can delete a picture you love. It is very easy to lose and some people think that to many pictures are being taken.

# Changing Lives

People's lives were changed in a positive way because you don't need to carry a heavy film camera everywhere and you don't need to buy film.

People's lives were changed in a negative way because it can run out of battery, and you can lose it. You cannot use the cameras in some places.

# My Opinion

Overall, I think the change from painting to the digital camera is positive because now you can have your best memories in your pocket. You can always take pictures when you have a digital camera.

# The Camera

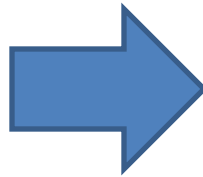
Luca

# Introduction

People use the camera to take pictures and videos.



First, it was paintings



Copyright by J. J. J. Photography in 2000

Then it changed to cameras

# Daguerreotype

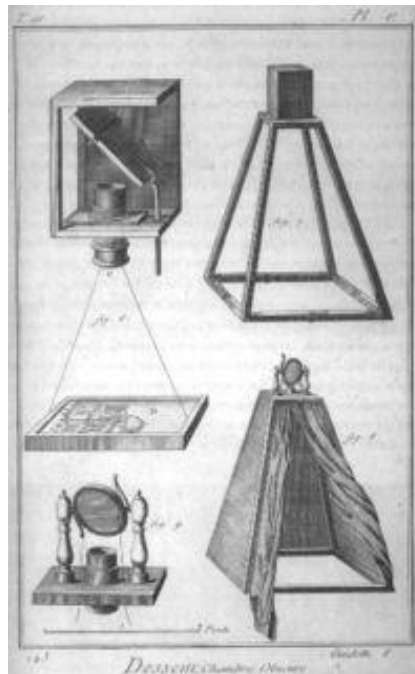
The Daguerreotype is special because it was the first kind of camera invented  
It was created before the 1900.

Before it was invented, people had to remember the fun time and they had to paint (that only a few people could do).



It was helpful because you can take pictures so when you are old you can look at how you were when you were young.

Some problems might be that you will have to stand still for half an hour then your legs will start to hurt (if on leg you might not be able to keep your balance).



# Changing Lives

People's lives were changed in a positive way because they could take pictures so you will not forget.

People's lives were changed in a negative way because if they accidentally drop the camera in water it might explode or stop working.



# My Opinion

Overall, I think the change from paintings to cameras is negative because if you take too many pictures you will have to take the cameras to a shop and use money.

# The Camera

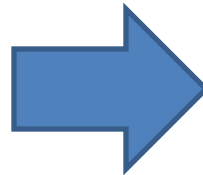
Sheridan

# Introduction

People use the camera to keep your favorite images and you can remember what your best friend looked like when they were younger.



First, it was the film camera



Then it changed to digital camera

# Before it was Invented

The digital camera is special because you can look at your favorite picture that you took a long time ago.

It was created between 1900-1999

Before it was invented, people

Had to remember their favorite images and you had to sit still for a long time.

# Why was it helpful and not helpful

It was helpful because you can show your friends cool images that you take instead of just you telling them about the image and you don't need to sit still for 6 minutes.

Some problems might be that you could lose your camera or it could run out of battery.

# Changing Lives

People's lives were changed in a positive way because you don't have to get film , you don't need to sit still you can remember good times.

People's lives were changed in a negative way because it can run out of battery and it is easy to lose.

# My Opinion

Overall, I think the change from painting to taking pictures is positive because you were able to capture images that you didn't get to capture before.

# The Light Bulb

Cache

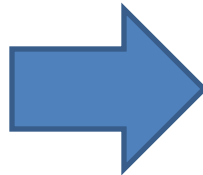


# Introduction

People use the light bulb to see at night.



First, it was the incandescent light bulb.



Then it changed to the Energy saving light bulb.

# History

The Energy saving light bulb is special because it saves energy.

It was created between 1900-1999

Before it was invented, people used candles, the sun, oil lamps, fire and incandescent light bulbs.

# Helpful or not helpful

It was helpful because it is safer and saves energy.

Some problems might be it costs more.

# Changing Lives

People's lives were changed in a positive way because it saves energy and it is safer.

People's lives were changed in a negative way because the gasses are dangerous if it breaks.

# My Opinion

Overall, I think the change from the incandescent light bulb to the energy saving light bulb is negative because the gasses can make you sick or kill you.

# The Light Bulb

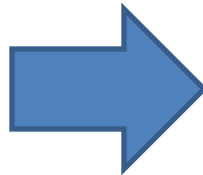
griffin

# Introduction

People use the light bulb to light the room.



First, it was the incandescent light bulb.



Then it changed to the Energy light bulb.

The energy saving light bulb is special because it saved a lot of energy.

It was created between 1900-1999.

Before it was invented, people used fires and oil lamps, candles, and incandescent bulbs.



It was helpful because it saves more energy. They were not hot. They were much brighter than older light bulbs. They last longer.

Some problems might they are expensive. If they break, they have hazardous material.

# Changing Lives

People's lives were changed in a positive way because CFLs saved energy. It was not as hot.

People's lives were changed in a negative way because the gas was not safe. The light bulb broke easily. It was expensive. The gas has a hazardous material.

# My Opinion

Overall, I think the change from incandescent light bulbs gives off more light. The bulbs are not as hot if you touch them. The LEDs will not start a fire and last longer. An energy-saving light bulb is positive because it saves more energy and the

# The Light Bulb

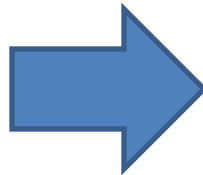
Marissa

# Introduction

People use the light bulb to light the room and see when it is dark.



First, it was incandescent light bulb



Then it changed to the energy saving light bulb

# What Is Special?

The energy saving light bulb is special because it will save energy, it will last longer, they have gas, it doesn't cause fires and you can see, work, and play. It was created in the year 2000 or later.

Before it was invented, people got light from the sun, fires, and candles. And they used the incandescent light bulb by heating a metal wire.

# What Is Good and What is Bad?

It was helpful because it helps people see in the dark and it is safer.

Some problems might be it uses a lot of electricity, it can break if you drop it, it costs more, Mercury gas can make people sick, and it can't be thrown away in the regular trash.

# Changing Lives

People's lives were changed in a positive way because it doesn't cause fires, it uses less electricity and it's easier.

People's lives were changed in a negative way because it costs more, you can get hurt by touching it, and grownups have to be careful if it breaks.



# My Opinion

Overall, I think the change from the incandescent light bulb to the energy saving light bulb is positive because it is much safer, much lighter, and easier.

# The Light Bulb

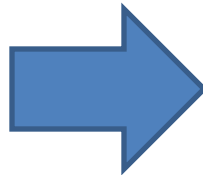
Matt

# Introduction

People use the light bulb to see when it is dark and light the room.



First, it was the incandescent light bulb.



Then it changed to the energy saving light bulb.

# Special

The energy saving light bulb is special because it uses less energy than the incandescent light bulb. The energy saving light bulb lasts longer.

It was created in the year 2000 or later.

Before it was invented, people use candle light.

# Incandescent Light Bulb

It was helpful because it uses less energy.

Some problems might be it has mercury gasses in it.

# Changing Lives

People's lives were changed in a positive way because it helped people see in the dark.

People's lives were changed in a negative way because before the light bulb was invented people could not see in the dark. If the light bulb broke it could cause a fire.

# My Opinion

Overall, I think the change from incandescent to energy saving is negative because the gases are not safe because it is mercury gas and it makes people sick.

# The Light Bulb

Wren

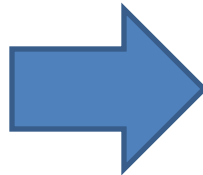


# Introduction

People use the light bulb to help see when it is dark.



First, it was the incandescent light bulb.



Then it changed to the energy saving light bulb.

The energy saving light bulb is special because it is not as hot, it saves energy and it is filled with gases.

It was created in the year 2000 or later.

Before it was invented, people used the sun, fires, candles and incandescent light bulbs to see.

It was helpful because it saved energy and lasted a lot longer.

Some problems might be you have to take it to a special place to throw it away.

# Changing Lives

People's lives were changed in a positive way because the light bulb helps them save energy.

People's lives were changed in a negative way because the gas can make people sick if it breaks.

# My Opinion

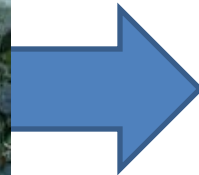
Overall, I think the change from the incandescent light bulb to the energy saving light bulb is positive because it is not as hot and much safer.

# The Refrigerator

Devin

# Introduction

People use the refrigerator to keep food cold so it does not make people sick.



First, it was the spring house

Then it changed to the ice box .

# When invented

The ice box is special because it does not use any energy, it does not use a lot of resources and it's a rectangular box with ice.

It was created before 1900 .

Before it was invented, people used caves, springhouses and pits underground.



# Positive and negative

It was helpful because people didn't get sick as often, there was no power needed and fewer resources needed.

Some problems might be it leaks , it uses water, and is too expensive.

# Changing Lives

People's lives were changed in a positive way because people didn't get sick.

People's lives were changed in a negative way because sometimes they get sick or use too much water.

# My Opinion

Overall, I think the change from the ice box to the refrigerator is negative because you use too much energy. And you use too much money.

# The Refrigerator

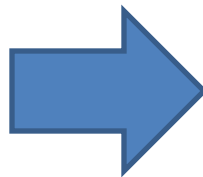
Ben

# Introduction

People use the refrigerator to keep food cold when its warm outside.



First, it was the Icebox



Then it changed to the Electric refrigerator

# Before refrigerator

The electric refrigerator is special because it keeps food cold longer.

It was created between 1900-1999.

Before it was invented people had to use snow, ice boxes and spring houses.



# *Helpful and problems*

*It was helpful because it kept food from getting spoiled as soon.*

Some problems might be that the gas that they used in refrigerator could make people very sick if it spilled.

# *Changing Lives*

People's lives were changed in a positive way because it kept food from spoiling as soon.

People's lives were changed in a negative way because when it was working it was loud.





# My Opinion

Overall, I think the change from icebox to electric is positive because it can keep food cold longer and not get it spoiled as spoiled

# The Refrigerator

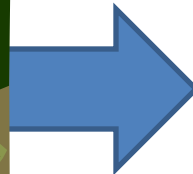
Caitlyn

# Introduction

People use the refrigerator to make foods last longer.



First, it was Rives



Then it changed to the ice box.

# Special and Created

The ice box is special because it was the first refrigerator.

It was created before 1900.

Before it was invented, people in the 1800's took ice from the lake and put it somewhere it will be cold so people could use it.

# Problems and Help

It was helpful because it can keep food and water cold and healthy at the right temperatures. It was hard work.

Some problems might be every day they change the ice to keep food, water, and more things cold.

# Changing Lives

People's lives were changed in a positive way because food would not spoil that often and people would not get sick as often.

People's lives were changed in a negative way because there was more room in the icebox.

# My Opinion

Overall, I think the change from the icebox to the electric refrigerator is positive because it was colder and people would not get sick.

# The Refrigerator

Hana

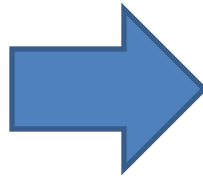


# Introduction

People use the refrigerator to keep food cold and to keep it fresh too .



First, it was an icebox.



Then it changed to an electric refrigerator.

# Electric Refrigerator is Special

The electric refrigerator is special because it did not need to use messy ice.  
More than 1,000 were sold.

It was created between 1900-1999.

Before it was invented, people smoked food or iced it.

# Helpful

It was helpful because it did not use messy ice .

Some problems might be the gas could leak and kill or make people ill.

# Changing Lives

People's lives were changed in a positive way because it did not use messy ice and it was less expensive. It keeps food cold and food does not go bad.

People's lives were changed in a negative way because the gas can leak and it happens often and could kill or make people sick.

# My Opinion

Overall, I think the change from the icebox to the electric refrigerator is a positive change because it is one less job for people and it was messy.

# The Refrigerator

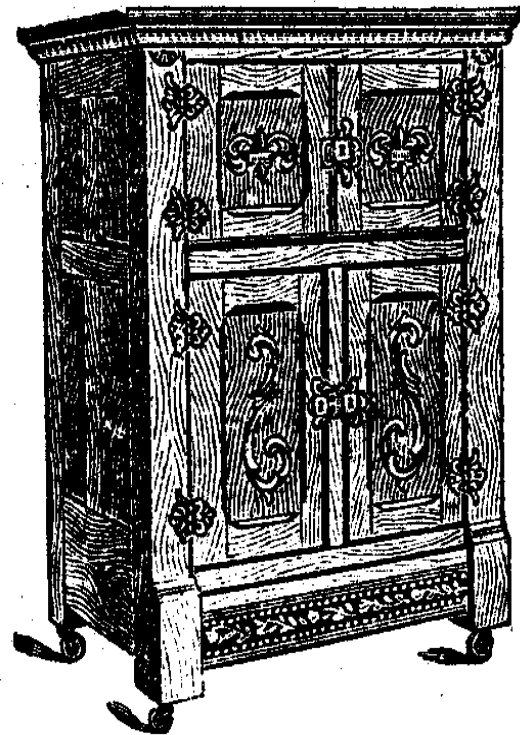
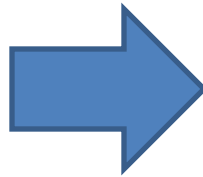
Zachary

# Introduction

People use the refrigerator to make food last longer and keep food cold.



First, it was cool streams.



Then it changed to ice boxes.

# Helpful and problems

The ice box is special because it is lined with zinc and tin and included cork, sawdust, and seaweed. It let you keep food inside instead of outside.

It was created before 1900.

Before it was invented, people used snow, ice, cool streams, springs, and cellars.



It was helpful because it could keep food cold inside and keep people from getting sick.

Some problems might be water drips on food and it was a lot of work to have an ice box. Sometimes people forgot to empty the drip tray.

# Changing Lives

People's lives were changed in a positive way because they could keep food cold for longer.

People's lives were changed in a negative way because when people forgot to empty the drip tray a puddle spread under the ice box.

# My Opinion

Overall, I think the change from ice boxes to electric refrigerators is negative because electric refrigerators use a lot of electricity.

# The Telephone

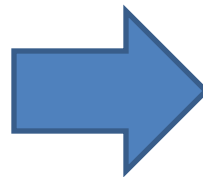
Colby

# Incredible Information

People use the telephone to talk communicate and call friends and family.



First, it was the cell phone.



Then it changed to the smart phone.

# Awesome Facts

The smart phone is special because you can take it outside and it is a computer but smaller. It is easy to carry

It was created in 1996

Before it was invented, people used the telephone, cell phone

And walking.

# Smart Or Not

It was helpful because you can hold it in your hand easily.

Some problems might be they are the most stolen thing in the world.

# Changing Lives

People's lives were changed in a positive way because they can go outside.

People's lives were changed in a negative way because it would hurt their eyes. They would be obsessed.



# My Opinion

Overall, I think the change from cell phones to smart phones is positive because it is easier to call, communicate, and call friends and family.

# The Telephone

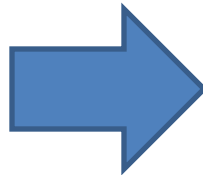
Maxwell

# Introduction

People use the telephone to talk to someone, get in touch, or just to talk to someone far away.



First, it was the wired telephone.



Then it changed to the cordless telephone.

The cordless phone is special because it was the first phone to be able to walk around the house while talking.

It was created between 1900 – 1999.

Before it was invented, people used the phone with the cord so they could not go around the house while talking.

# Good things and bad things

It was helpful because it was the first phone to be able to go around the house while talking and they invented it because they wanted to make a phone that you could take around the house while talking because they didn't want a phone that you could not walk around with.

Some problems might be that you can't take with you to the car or run an errand with it because the cord was connected to the house not an where else and it has a stand that you can't take with you because it is connected to the wall.

# Changing Lives

People's lives were changed in a positive way because it was the first phone to be able to go around the house while talking.

People's lives were changed in a negative way because you could not take it with you in the car or outside somewhere.

# My Opinion

Overall, I think the change from the to wireless phone to the cordless is positive because it was the first phone to be able to walk around the house while talking.

# The Telephone

Sadie

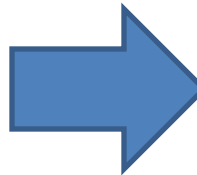


# Introduction

People use the telephone to call people not close to you, so you can tell them something.



First, it was using horses .



Then it changed to using the telephone.

# When And What?

The telephone is special because it was the first time anyone made a machine that you could talk to someone out of your sight.

It was created before 1900.

Before it was invented, people had to ride on horses, make birds take messages to someone's house, or talk to them in person.

# Changing Lives

People's lives were changed in a positive way because they could talk to someone short distances away and they could call people and not use animals.

People's lives were changed in a negative way because there was only one telephone so almost no people could use it.

# Helpful Or Not?

It was helpful because you don't have to ride a horse or make a bird take a note to someone somewhere else and you don't have to walk and get tired.

Some problems might be the telephone could only be heard from short distances. The telephone could easily break. The telephone couldn't be moved so if you wanted to call someone at a store, you couldn't.

# My Opinion

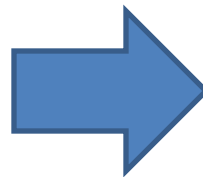
Overall, I think the change from using animals to using a telephone is positive because the pigeons could go to the wrong house and the person you were trying to get the note to wouldn't get the note and the horses could get tired and stop and you wouldn't get the message that day.

# The Telephone

Samantha

# Introduction

People use the telephone to talk to each other.



First, it was the telephone.

Then it changed to the cell phone.

# History of the Cell Phone

The cell phone is special because you can make calls and you can move farther away and the phone signal can travel through the air.

It was created between 1900-1999.

Before it was invented, people used the cordless phone and the telephone.



# Bad and Good

It was helpful because people can hear right away and cell phones let people make calls anywhere.

Some problems might be that car accidents could occur if someone is using their phone while driving. There were deaths happening while people were talking on their cell phone and driving at the same time.

# Changing Lives

People's lives were changed in a positive way because they could bring the cell phone anywhere. That is positive because then they could go farther away from their home and still make calls. With the cordless phone you could walk around but you still had to stay at home. With the telephone you could not walk around.

People's lives were changed in a negative way because there were accidents, car injuries, and deaths. People did not like hearing other people's conversations.

# My Opinion

Overall, I think the change from the cordless phone to the cell phone is positive because with the cordless phone could only stay in the house but the cell phone allowed you to go out of the house and talk on the phone.

# The Telephone

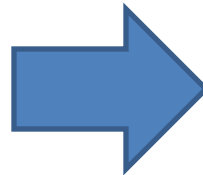
uj

# Introduction

People use the telephone to work on, watch videos, save memories, keep track of time, and keep track of the day.



First, it was the telephone.



Then it changed to the smart phone.

# SMART OR NOT

The smart phone is special because it can take far distances, take far calls, has a touch screen, access to the internet, and is like a mini iPad.

It was created between 1900 and 1999.

Before it was invented, people used a cell phone and cordless phone. They did not have access to the internet or have a touch screen.

# SMART AND INCREDIBLE

It was helpful because you could take it in a car and text someone far at the same time. An iPhone is like an easy-to-carry computer that doesn't need cords.

Some problems might be that phones need electricity to charge and the more cell phones the more towers needed.

# Changing Lives

People's lives were changed in a positive way because they don't have to walk to them if they want to talk to people.

People's lives were changed in a negative way because they need electricity to charge and phones can lead to injuries.



# My Opinion

Overall, I think the change from letters to phones is positive because you can do more good things than you can do with letters and take a while to get to the other person.

# The Telescope

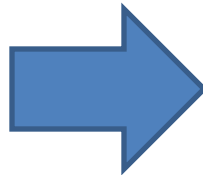
Azizah

# Introduction

People use the telescope to see images more clearly in space.



First, it was Galileo's telescope



Then it changed to Newton's telescope

# Helpful Ways And Problems

It was helpful because you could see the image you're looking at more clearly. It helped people look a lot farther into space.

Some problems might be that the mirrors might get dirty, or also the reflectors might get dirty, too. The earth's air would also bend the light, and that's a problem.

# Newton's Telescope

The Newton's telescope is special because the length didn't matter back then. To him, it was the width of the reflectors.

It was created before 1900.

Before it was invented, people used Galileo's telescope, and before his telescope, people just used their own eye or might have used their imagination.

# Changing Lives

People's lives were changed in a positive way because you would not have to use just your eye. And also you would be able to learn more about space, stars, planets, the moon, and the sun.

People's lives were changed in a negative way because people might not be able to afford a telescope, and they are very expensive, so people can't really see images of space or learn that much.

# My Opinion

Overall, I think the change from Galileo's telescope to Newton's telescope is a positive change because you could see space a lot more clearly than Galileo's telescope , and you could see farther into space . I think the scientists would learn more about space , like planets, stars, the sun, the moon, and the solar system.

# The Telescope

Esther

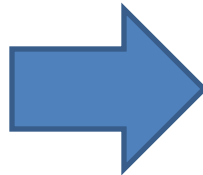


# Introduction

People use the telescope to learn new planets and moons. It also let people look at outer space.



First, it was using your eye.



Then it changed to using Galileo's telescope.

# Galileo's Telescope

The Galileo's telescope is special because the light comes through the lens the glass refracts the light to make a image.

It was created before 1900.

Before it was invented, people used there eye sight . Some people used their imagination.

# Helpful Ways and Problems

It was helpful because it helped other people discover better telescope . It also helped people see bigger images . We could even discover living.

Some problems might be the telescope images might be blurry because it is not straight . The image might be moving because of air.

# Changing Lives

People's lives were changed in a positive way because people who are Scientists can discover new planets , new moons, and new stars.

People's lives were changed in a negative way because when scientists traveled with it the telescope it could break. You wouldn't learn a lot because the air will make it blurry.

# My Opinion about Telescopes

Overall, I think the change from using your eye to using a Galileo's telescope is positive because people can discover new planets. They can also learn new animals.

# The Telescope

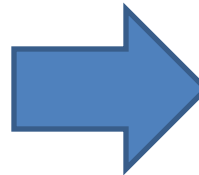
Landen

# Introduction

People use the telescope to learn about space, stars, and planets.



First, it was Galileo's telescope



Then it changed to

# Newton's Telescope

The Newton Telescope is special because it has special curved mirrors and it helps you learn about outer space.

It was created before 1900.

Before it was invented, people used Galileo's telescope or used their eyes to look around.



# Problems And Solutions

It was helpful because it was the first successful telescope because it had less blurry images.

Some problems might be that it didn't work so well. The reflectors were not perfect. Your image would be blurry if the mirrors were dirty.

# Changing Lives

People's lives were changed in a positive way because people could learn about space, see into space, and see what it is like in space.

People's lives were changed in a negative way because they couldn't afford a telescope so it was hard to know what space is and what's in it.

# My Opinion

Overall, I think the change from Galileo's Telescope to Newton's Telescope is positive because the images weren't as blurry and you could see farther.

# The Telescope

Markian

# Good & Bad

It was helpful because astronomers could take clearer pictures.

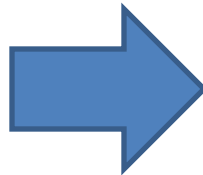
Some problems might be taking a lot of time to build

# Introduction

People use the telescope to see farther into space and take clearer pictures.



First, it was Newton's telescope



Then it changed to the Hubble telescope

# The Hubble

The Hubble space telescope is special because it's the only telescope that can that can record images, see more light and see farther.

It was created between 1900-1999.

Before it was invented, people looked with their naked eye, used Galileo's telescope or used Newton's reflecting telescope.

# Changing Lives

People's lives were changed in a positive way because the Hubble sent images back to earth

People's lives were changed in a negative way because it took a lot of money to build.



# My Opinion

Overall, I think the change from Newton's Telescope to the Hubble is positive because it took beautiful pictures of galaxies, planets and stars.

# The Telescope

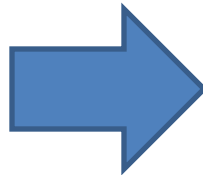
Will

# Introduction

People use the telescope to learn more about space and see farther into space.



First, it was Newton's telescope.



Then it changed to Hubble Space telescope.

# The Hubble Space Telescope

The Hubble Space telescope is special because it takes better pictures than any other telescope. It is also special because it can take pictures in space. It is also special because it has 94 computers instead of an eyepiece.

It was created between 1900 and 1999.

Before it was invented, people used Newton's telescope, Galileo's telescope, or their eyes.

# Helpful Ways and Problems

It was helpful because it helps scientists make lots of new discoveries. It also takes clearer pictures so we can learn better about the night sky.

Some problems might be that it took blurry pictures when it was first launched. Also, it won't last forever. Also, we think it will wear out in the next few years. The last problem is that fixing it is slow, difficult, and expensive.

# Changing Lives

People's lives were changed in a positive way because people could see all the details of the picture and learn more about what was shown, since it didn't take blurry pictures.

People's lives were changed in a negative way because they can't use it forever, so they can't learn as much as they could if it did last forever.

# My Opinion

Overall, I think the change from Newton's telescope to Hubble Space Telescope is positive because people can learn a lot more about the night sky with it than they could with regular telescopes or their eyes.