

Ms. Ruttkay's Class Technology Changes

2013-2014

The Camera

Carlo

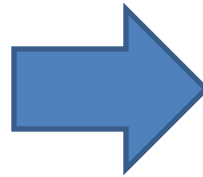
Introduction

People use the camera to take pictures and save memories and to record history. When people really like a picture they try to save it by using a camera



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First, people used the daguerreotype



Then it changed to the film camera

The film camera

The film camera is special because it traps light to create a still photograph.

The film is developed into a photo.

It was created before 1900.

Before it was invented, people used the daguerreotype to take pictures.

Bad and good thing about the film camera

It was helpful because if you wanted to save a picture that you really liked you could take a picture with the film camera.

Some problems might be after you take the picture you have to develop it. It is also complicated because you would have to take it to the place to develop the picture

Changing Lives

People's lives were changed in a positive way because you get to see pictures and you get to save your memories. And the film camera does not cost a lot of money.

People's lives were changed in a negative way because after you took the picture you had to develop the picture. It is also complicated because you have to know how to roll the film for the camera properly.

My Opinion

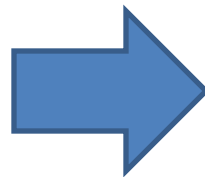
Overall, I think the change from Daguerreotype to film camera is positive because with the Daguerreotype you would have to take a long time for the picture to be taken.

The Camera

Lillie

Introduction

People use the camera to take pictures and record history. Can save pictures .



First, it was Film camera

Then it changed to Digital Camera

It was helpful because you can delete unwanted pictures and can immediately. It can focus on its own.

Some problems might be that it can run out room. They are so small that you can lose, drop, break, or leave in your pocket and it can run out of battery.

The Digital Camera

The digital camera is special because you can see pictures immediately. Delete immediately and don't need a film for a digital camera .

It was created between 1900-1999

Before it was invented, people they put a film in the camera and they couldn't take too far away from the place they lived because the film is too big to carry other places and if they can't take pictures whenever they go far away. Then you need a black room to print.

Changing Lives

People's lives were changed in a positive way because you can see and send immediately.

People's lives were changed in a negative way because you can lose and you can brake it.

My Opinion

Overall, I think the change from film camera to digital camera is positive because they can get pictures as quick as a press of a button. Digital cameras show the photo right away and you don't have to waste your money on developing film or a dark room !!!!!!!

The Camera

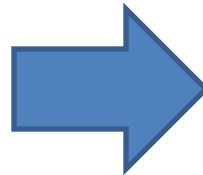
Nathaniel

Introduction

People use the camera to take pictures and record places.



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First, it was Daguerreotype

Then it changed to Film camera

The film camera is special because you can capture images on film. You get pictures developed quicker than the daguerreotype.

It was created between 1800-1839.

Before it was invented, people used the daguerreotype.

The Film Camera

It was helpful because you didn't need to carry a giant camera. You could get the pictures developed easily.

Some problems might be you can't see the pictures until you get the pictures developed.

Changing Lives

People's lives were changed in a positive way because it runs on film. You get to see pictures. It traps light on film.

People's lives were changed in a negative way because you had to learn to load the film properly.

My Opinion

Overall, I think the change from Daguerreotype to film camera is positive because you have a handheld camera and can develop photos easily.

The Camera

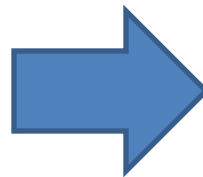
Sofia

Introduction

People use the camera to record history with pictures, so people can view moments and tell a story. The camera allows you to transfer, and print pictures.



First, people painted portraits



then people used the digital camera

The is digital camera special because a light-sensitive computer chip

It was created between 1900 - 1999

Before it was invented, people had to buy expensive film and had to sit 6 minutes, then people had to use chemicals.

It was helpful because the digital camera has no expensive film, like the film camera, but no big or bulkyness either, like the daguerreotype.

Some problems might be that you can leave the digital camera in your pocket when it's time to do the laundry.

Changing Lives

People's lives were changed in a positive way because you can look at your photos automaticly and erase one if you don't like it. You can share photos too!

People's lives were changed in a negative way because there are lots of buttons with varios shapes and sizes. You can also drop your digital camera.

My Opinion

Overall, I think the change from the film camera to the digital camera is negative because the film camera is inexpensive. The digital camera is really expensive compared to the film camera. That is sooo unfortunate!!!

The Camera

Talan

Introduction

People use the camera to take pictures. The camera takes pictures and can record history. It is also used for capturing important moments or scenes.



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First , people got portraits.

Then it changed to the Daguerreotype.

The Daguerreotype Camera

It was helpful because you can see pictures for the first time without getting a painting. It also solved the problem of waiting for portraits. That was helpful because waiting for portraits took a long time. It also could save important memories and scenes by capturing sunlight. Also portraits were expensive very expensive.

Some problems might be waiting for the pictures to develop in half-in-hour and you have to be completely still. It was also very big and you can not carry it easily. It also was very expensive so not everyone could buy one. It also was hard to assemble and was very complicated.

Changing Lives

People's lives were changed in a positive way because people could see pictures without getting a portrait. People can also save important memories.

People's lives were changed in a negative way because people had to sit still for half an hour motionless. People also had to drag it along everywhere.

The Daguerreotype Camera

The Daguerreotype is special because it was the first type of camera and does not use electricity.

It was created before the 1900.

Before it was invented people got portraits and pictures.

In my opinoin

Overall, I think the change from portraits to the daguerreotype is a negative change because it was very expensive. It was not very convenient and only people who had lots of money could buy one.

The Light Bulb

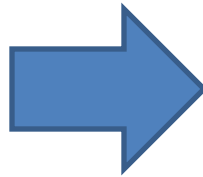
Caley

Introduction

People use the light bulb to help them see in the dark. It gives people a lot of light. People can turn light switch on and then the light just turns on.



First, it was the Candle



Then it changed to the Incandescent

When It Was Created

The incandescent light bulb is special because it helps people see in the dark so they don't fall and do things.

It was created before 1900.

Before it was invented, people used candles, oil lamps, sunlight, or torches.

Changing Lives

People's lives were changed in a positive way because they could see in the dark and they are safer than candles.

People's lives were changed in a negative way because light bulbs get too hot, run out, and you need electricity to work them.

Helpful And Not

It was helpful because you could see for a long period of time. It also didn't require fire, so it was safer. Light bulbs are brighter than candles.

Some problems might be it can cause a really, really bad fire. They broke easily if it dropped. They get very hot, so they can cause a fire. They need electricity to turn on, so if the power goes out the light bulbs do not work.

My Opinion

Overall, I think the change from oil lamps to light bulbs is (positive or negative) they allow you to see in the dark. They are good because with out them you couldn't really see in the dark for along period of time.

The Light Bulb

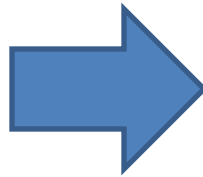
jack

Introduction

People use the light bulb to see they worked in the dark before they had energy saving light bulb.



First, it was incandescent light bulb



Then it changed to energy saving light bulb

Light bulbs are helpful

The energy saving light bulb is special because you can see for a long time.

It was created to see when it was dark and to save energy.

Before it was invented, people used incandescent light bulb to see.

This is positive way

It was helpful because it will help you see and it last a long time.

Some problems might be it has mercury and it is a lot of money.

Changing Lives

People's lives were changed in a positive way because with energy saving light bulb saves energy.

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

My Opinion

Overall, I think the change from incandescent to energy saving light bulb is positive because it saves more energy than the incandescent.

The Light Bulb

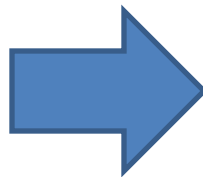
kanta

Introduction

People use the light bulb to see in the dark. The light bulb helps you to see things for a long period of time.



First, it was candle.



Then it changed to the incandescent light bulb.

Incandescent

The incandescent light bulb special because it stops oil lamp fires. It takes a lot of electricity and energy.

It was created 1900.

Before it was invented, people use oil lamps and candles to see in the dark.

It was helpful because you could see for a long period of time. It also didn't require fire, so it was safer. Light bulbs are brighter than candles. Light bulbs didn't make any fires.

Some problems might be they break easily if dropped. Bulbs get hot when they were left on and they use electricity.

Changing Lives

People's lives were changed in a positive way because they could see in the dark and light bulb are safer than candles.

People's lives were changed in a negative way because light bulbs can get too hot, run out, and you need electricity to work them.

My Opinion

Overall, I think the change from candles to light bulbs is positive because they allow you to see in the dark, they are safer than candles and they last a long time.

The Light Bulb

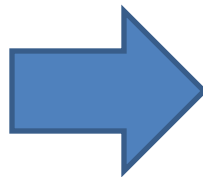
Michael

Introduction

People use the light bulb to see at night. It is easier to see in the dark. The light bulb turns off and on so easily. It stays on a long period of time and stays bright a long period of time.



First, people used candles



Then it changed to incandescent light bulb

The Incandescent Light Bulb

The incandescent light bulb is special because it uses electricity and can be turned on and off easily.

It was created before 1900.

Before it was invented, people used to lit up candles at night inside houses. They also lit up oil lamps.

It was helpful because people could see at night and its more easier to see. The light bulb stays on for a long time. Its brighter than candles. Didn't make any fires.

Changing Lives

People's lives were changed in a positive way because light bulbs can help you to see in the dark and inside houses. Light bulbs are brighter than candles.

People's lives were changed in a negative way because light bulbs can get hot, it can run out, and sometimes if it drops it can make a fire.

My Opinion

Overall, I think the change from candles to light bulb is (positive or negative) because they help you see at night in the dark, you know where your going so you don't run into any thing to, and they last a long period of time.

The Light Bulb

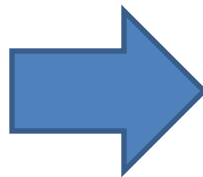
Misha

Introduction

People use the light bulb to see in the dark for a long period of time.
You don't bump into things. You can turn it off easily.



First, it was the incandescent light bulb



Then it changed to energy saving light bulb

Information

The CFL is special because it saves energy.

It was created between 1900-1999.

Before it was invented, people used the incandescent light bulb.

Positives and Negatives

It was helpful because it saves energy. You can see and not bump into things. It lasts longer than the incandescent light bulb.

Some problems might be it costs more money. It takes longer to light up than the incandescent light bulb.

Changing Lives

People's lives were changed in a positive way because they save electricity, and you can see in the dark.

People's lives were changed in a negative way because it costs more money.

My Opinion

Overall, I think the change from incandescent bulb to CFL is negative because they cost more money and they do the same thing.

The Refrigerator

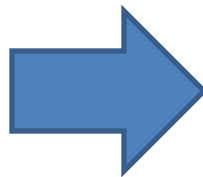
Louisa

Introduction

People use the refrigerator to store food that can't be left out on the counter or has to be cold to stay healthy, the refrigerator keeps it cold for a long period of time. It keeps bacteria off the food in the refrigerator.



First, people used ice boxes.



Then Thomas Moore invented the electric refrigerator.

Electric Refrigerator Facts

The electric refrigerator is special because it is so big that you don't have to go to the store all the time. It removes heat from the cabinets interior. The first electric refrigerator had mechanical parts on top of the cooling cabinet.

It was created between 1900 and 1999.

Before it was invented, people used underground streams, caves, ice boxes wells, cool streams, springhouses, snow, and ice.

It was helpful because it helps store food, uses hardly any gases that make pollution, and the food cools more quickly than it does in the iceboxes and others before it. The first ones were less expensive than the big blocks of ice for the icebox. It gives the food more coolness than the icebox. You don't have to slip ice into your refrigerator.

Some problems might be that the first electric refrigerators used a lot of energy. The gas used to chill the air inside the fridge was very dangerous. Over time the fridges got more and more expensive.

Changing Lives

People's lives were changed in a positive way because they didn't have to wait long for the food to get cool enough. You don't have to lug a big block of ice and slip it in.

People's lives were changed in a negative way because the refrigerator uses a lot more energy than the icebox.

My Opinion

Overall, I think the change from the ice box to refrigerator is positive because the bacteria can't get to it as well as it can in the ice box. The cold can get to the inside of the food better than the ice in an ice box can.

The ice box has ice and the refrigerator uses cold air created by plugging it in.

The Refrigerator

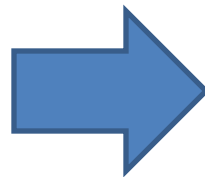
Harper

Introduction

People use the refrigerator to keep food cold and to keep people healthy by making sure bacteria can not get on the food. The refrigerator is so enormous you don't have to go to the store every single day which would be frustrating!



First, it was the spring house.



Then it changed to the icebox.

The Icebox Facts

The icebox is special because you need to empty the drip pan everyday or else it will spill or overflow on your kitchen floor.

It was created before 1900.

Before it was invented, people used springhouses, snow, ice, cool streams, springs, caves and/or cellars.

Helpful and Problems

It was helpful because people don't get sick as much and it keeps people healthy and food cold.

Some problems might be it needs ice, you need to empty the drip pan daily and if food is not kept at the right temperature people can get sick and some can die.

Changing Lives

People's lives were changed in a positive way because the icebox will keep your food cold much better than snow, ice, cool streams, springs, caves, cellars and spring houses. The ice box doesn't use any electricity.

People's lives were changed in a negative way because sometimes if food was too hot people and people ate it they would get very sick and some would die.

My Opinion

Overall, I think the change from springhouses to iceboxes is because the icebox will keep your food colder than snow, ice, springs, streams, caves, cellars and springhouses.

Also the icebox doesn't use any electricity.

The Refrigerator

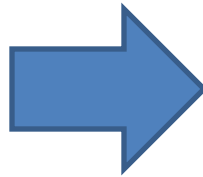
Akari

Introduction

People use the refrigerator to keep food cool and to keep food healthy by making sure people don't get sick.



First, it was icebox



Then it changed to electric refrigerator

This is special

The electric refrigerator is special because you don't need to carry big ice like an icebox.

It was created between 1900-1999.

Before it was invented, people used icebox or spring house.

Some problems. . .

It was helpful because the refrigerator keeps the food cool and healthy so that people don't get sick.

Some problems might be that it use lots more energy then icebox. And it is more expensive.

Changing Lives

People's lives were changed in a positive way because you don't have to carry huge ice cube.

People's lives were changed in a negative way because it use lots of electricity to cool the food.

My Opinion

Overall, I think the change from ice box to refrigerator is positive because it is easy to understand, for example you open the fridge and put something or get something and then you just close the fridge. With an ice box, if you open the door if the ice was melted you have to buy a big ice cube to put in it.

The Refrigerator

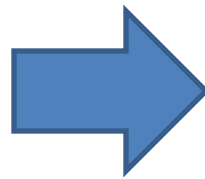
Nick

Introduction

People use the refrigerator to keep food cold so it won't spoil. If it spoils, you will get sick.



First, it was an icebox



Then, it was the electric refrigerator

The Electric Refrigerator

The electric refrigerator is special because it's newer and better. The electric refrigerator works better than the icebox.

It was created between 1900-1999.

Before it was invented, people used a cellar, river, stream, cave, snow, and a springhouse to keep their food cold.

Some good or bad problems

It was helpful because its newer and better. It also has better use. Its stronger and uses different materials than the electric refrigerator.

Some problems might be it might brake often or get destroyed. It costs allot of money then in the old days. It might not be built properly so it can brake.

Changing Lives

People's lives were changed in a positive way because it is newer. It also uses a motor to remove heat.

People's lives were changed in a negative way because it can be broken. The used gas to keep the refrigerator cold and it was dangerous.

My Opinion

Overall, I think the change from icebox to electric refrigerator is negative because it can brake down and can lose power. It can be out of order or it might not be built properly.

The Refrigerator

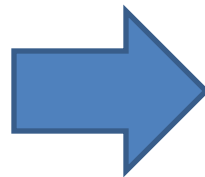
Sunjay

Introduction

You will need a system to keep your food cold you don't want people to get sick right?



First, it was a springhouse



Then it changed to the icebox

The Icebox

The icebox is special because it doesn't need energy one it's melting you will have a drip pan under.

It was created 1900-1999.

Before it was invented, people used springhouses, snow, ice, streams, caves and cellars.

Some problems...

It was helpful because so it could keep your cold.

Some problems might be it needs ice the temperature might not be good and you might get sick.

Changing Lives

People's lives were changed in a positive way because the bacteria in the food won't get to them.

People's lives were changed in a negative way because the ice will melt.

My Opinion

Overall, I think the change will the springhouse is positive because the ice will melt and fall the out of Springhouse ,and the icebox the drip pan will be under.

The Telephone

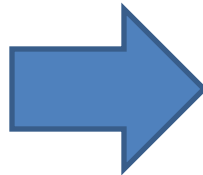
Deirdre

Introduction

People use the telephone for communicating to people far away and close.



First, it was letters.



Then it changed to telephones.

S

The telephone is special because you don't have to travel long ways.

It was created before 1900.

Before it was invented, people sent letters and saw that person.

It was helpful because you don't have to type in codes. You don't have to take the telephone with you because it's hard for robbers to steal. It's fun for kids to use.

Some problems might be you can't take it everywhere you want.

Changing Lives

People's lives were changed in a positive way because you don't need to see that person.

People's lives were changed in a negative way because it takes the operator a long time to connect you.

My Opinion

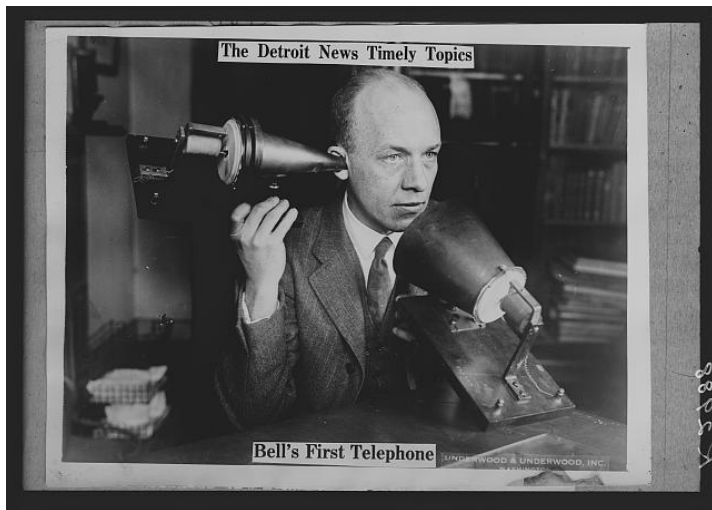
Overall, I think the change from letters to telephone is positive because Alexander Graham Bell ended the struggle. Now you can talk to that person right away!

The Telephone

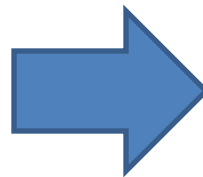
Lola

Introduction

People use the telephone to communicate to people far away from you.



First, it was the telephone.



Then it changed to the Cordless phone.

Cordless Telephone

The Cordless Telephone is special because you can walk around the house while talking.

It was created between 1900-1999.

Before it was invented, people used the Telephone.

My Opinion

Overall, I think the change from telephone to the cordless telephone is positive because you can walk around the house while talking on the cordless phone since the telephone has to be plugged into the wall.

Changing Lives

People's lives were changed in a positive way because when you were talking on the Cordless phone you could walk around the house instead of staying in one place.

People's lives were changed in a negative way because it originally had poor sound quality.

The Telephone

- .

The Telephone

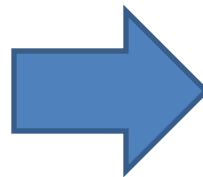
Luke

Introduction

People use the telephone to communicate by using radio connection. You can also play games and take pictures.



First, it was the Telephone.



Then it changed to the Smart Phone.

Special Smart Phone

The smart phone is special because it can access the Internet. You can get games. You can text.

It was created in 2006.

Before it was invented, people used cell phones.

It was helpful because you can call faster, send and check email and text!

Some problems might be it can run out of charge. Also expensive. Can break if it's in water.

Changing Lives

People's lives were changed in a positive way because walk and talk and also text.

People's lives were changed in a negative way because it can run out of charge and worth a lot of money.

My Opinion

Overall, I think the change from the cell phone to the smartphone is positive because you can check and send emails. The smartphone can call faster by using radio connection and send texts automatically. The smartphone also allows you to play games.

The Telephone

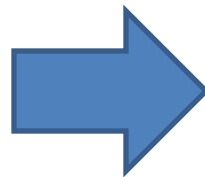
Meredith

Introduction

People use the telephone to communicate with people that are far away.



First, it was the telephone



Then it changed to the cellphone

The Cellphone

The cellphone is special because you can talk to people anywhere.



tittle

It was helpful because there were no cords to pull you back like the first phone. You can also walk anywhere.

Some problem might be is you have to change it and you need service. Cellphones also cost a monthly fee.

Changing Lives

People's lives were changed in a positive way because we are using faster communication to talk to people from far distances away. You can communicate with someone wherever you are, especially in an emergency.

People's lives were changed in a negative way because they depend on them and are distracted by them.

My Opinion

Overall, I think the change from cordless telephone to cellphone is positive because the cordless telephone is taller and it can not close and it would not fit in your pocket, but the cellphone can and you can use it anywhere.

The Telephone

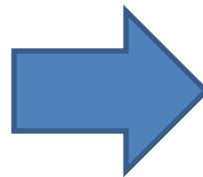
Nahom

Introduction

People use the telephone to communicate with people far away.



First, people used cellphones



Then it changed to a smart phone

The Smart phone

The Smart phone is special because games that you can buy at the app store

It was created in the year 2000 or later

Before it was invented, people used cellphones and they could only call.

Positives and Negatives

It is helpful because you can communicate faster and it is easier. Also, you can send and check e mails.

Some problems are you can get injured while you drive using a Smart phone. Also it can run out of charge.

Changing Lives

People's lives were changed in a positive way because they could communicate faster and it is a lot more easier.

People's lives were changed in a negative way because if you drive while talking you can get seriously injured

My Opinion

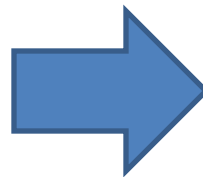
Overall, I think the change from cellphone to smart phone is negative because it costs alot of money to buy. But the cellphone costs less amount of money and you can still talk to people anywhere.

The Telescope

Alexander

Introduction

People use the telescope to see space and to see far away and see far away constellations. Everybody knows that they are also to see planets. They are also used to warn of an asteroid coming.



First, you have to use your naked eye .

Then it changed to Galileo's telescope

Is it special or not?

Galileo's telescope was special because it was the first telescope. It could see far away and it wasn't too big.

It was created before 1900.

Before it was invented, people used their naked eye. There was no telescope before Galileo invented his telescope to change the way people live.

Is it helpful or not ?

It was helpful because it could see far away in space. It wasn't too big or small. You don't need to look at the end of the telescope.

Some problems might be it can hurt your eye. Images show up blurry. People didn't like his telescope when he invented it.

Changing Lives

People's lives were changed in a positive way because now you know what's in space and see objects in space closer.

People's lives were changed in a negative way because if a lens is broken you cannot fix it you have to buy another one.

My Opinion

Overall, I think the change from using your naked eye to Galileo's is positive because now you know everything about space without using your naked eye. Now you can see objects in space closer. You don't have to use your naked eye.

The Telescope

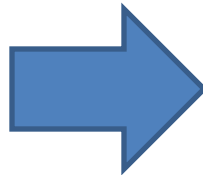
Eriko

Introduction

People use the telescope to look far away, to examine space and to find constellations.



First, it was wooden telescopes



Then it changed to Hubble Space Telescopes

Hubble Space Telescope

The Hubble Space Telescope is special because they are 94.5 inches (2.4m)

It was created Between 1990 -1999.

Before it was invented, people looked in skies.

Helpful and Problems

- It was helpful because it records images to earth so everyone can see. The telescope has 94 reflectors instead of an eye piece. You get to see what's going on in space.

Some problems might be when it first launched it took blurry pictures.

Astronauts tried to fix the Hubble Space Telescope and it too 3 and a half years to fix!!!!

Changing Lives

People's lives were changed in a positive way because they get to see in space, it can record and it has 94 reflectors instead of an eye piece!

People's lives were changed in a negative way because when it first launched it took blurry pictures, when the Hubble Space Telescope broke they couldn't fix it because it was too expensive. Astronauts tried fix it took 3 and a half years to fix!

Interesting fact!!!!

Did you know that the Hubble Space Telescope is 94.5 inches? (2.4m)

My Opinion

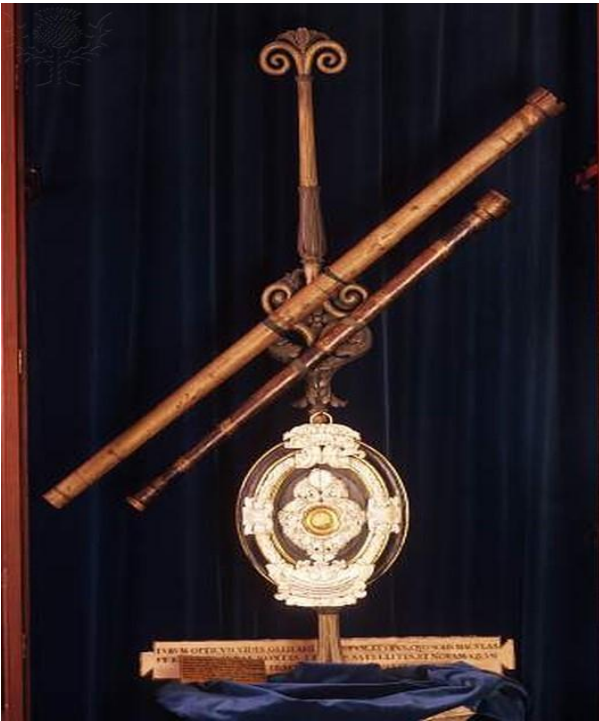
Overall, I think the change from Newton's Telescope to Hubble Space Telescope is positive because the Hubble can take pictures automatically! It is much better than a naked eye.

The Telescope

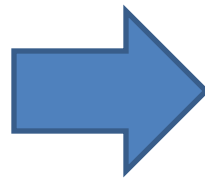
George

Introduction

People use the telescope to see space, stars, and planets. People use telescopes to learn and examine space. Telescopes are also used for seeing things located in space.



First, people used Galileo's telescope



Then it changed to Newton's telescope.

The reflecting telescope

The reflecting telescope is special because it was the second successful telescope to see space. It was created between 1900 - 1999

Before it was invented, people looked hardly at the sky, stars, and sun with their bare eyes

Is it helpful or not?

It was helpful because it helped people see the far reaches of space

Some problems might be it might cause a fire, in your eye or it might just break.

Changing Lives

People's lives were changed in a positive way because they could learn more about space.

People's lives were changed in a negative way because there was no hospital for serious eye injuries. There's no way to survive.

My Opinion

Overall, I think the change from Galileo's telescope to Newton's telescope is positive because it helps more people learn more things about space because it sees farther than you see and people wanted to learn about space and they did.

The Telescope

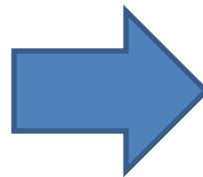
Josiah

Introduction

People use the telescope to examine space. People also use to find constellations and to get notified if a meteor or asteroid is coming. And to see things NASA can't see with a Galileo or Newton.



First, it was the Newton's reflecting telescope.



Then it changed to the Hubble space telescope.

The Hubble

The Hubble is special because it is named after Edwin Hubble. It has a 2.4 meter mirror. It's launch was delayed and it has a orbit. It takes pictures and videos in inferred and ultraviolet light.

It was created between 1900-1999.

Before it was invented, people would look into other telescopes such as Galileo and Newton. People also could look at the sky.



The Hubble

It was helpful because you could see stars close up so you could tell how old it was. You can also see if a prediction you made was correct.

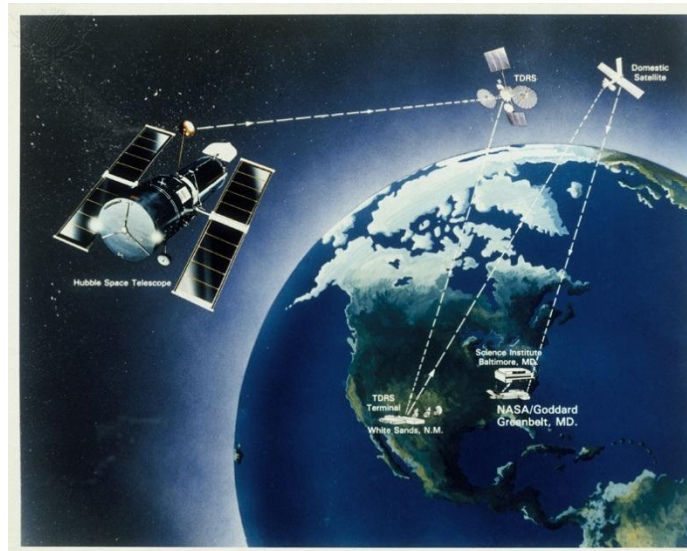
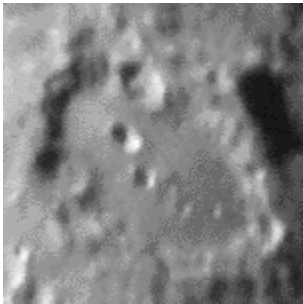
Some problems might be the lens could crack. It could run out of fuel. The image might not be clear.



Changing Lives

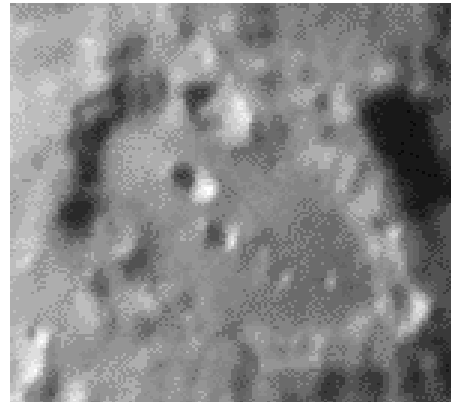
People's lives were changed in a positive way because you could see farther into space. You can see planets and stars close up and you can make videos into a movie.

People's lives were changed in a negative way because NASA had to pay a lot of money to buy all the materials for their Hubble. NASA also needed some way to launch the Hubble.



My Opinion

Overall, I think the change from Newton to Hubble is positive because you can see farther in space with the Hubble telescope. You also are able to take videos and make them into movies. NASA also use the Hubble to get up close with stars and planets.



The Telescope

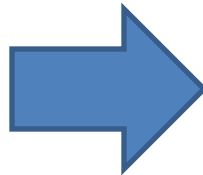
Levi

Introduction

People use the telescope to see space as it is . To see what people have wondered about for hundreds of years. They look at space,stars,and planets. People also use telescope to see coments.



First, it was newton's.



Then it changed to hubble looking telescope.

inventing

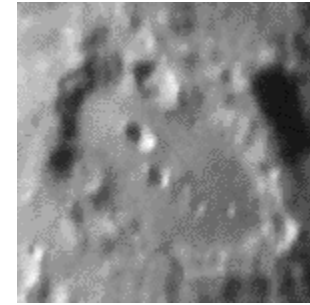
The Hubble space telescope is special because

It was created in-between 1900 and 1999.

Before it was invented, people used a reflecting telescope that reflected images.

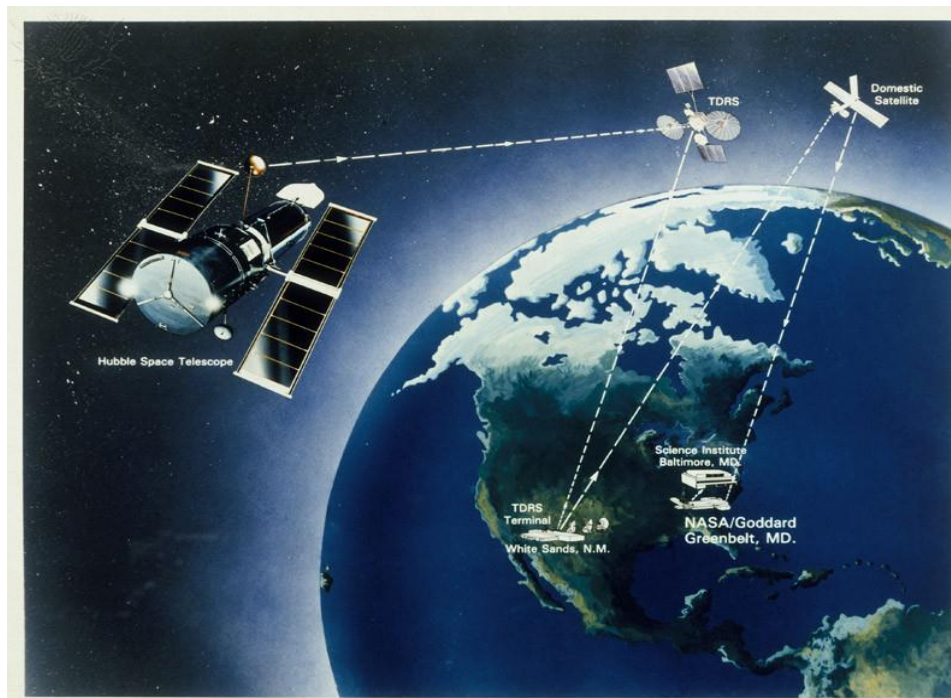


uses



It was helpful because there was no air in space so it took clearer pictures .
Satellites also reflected images from space.

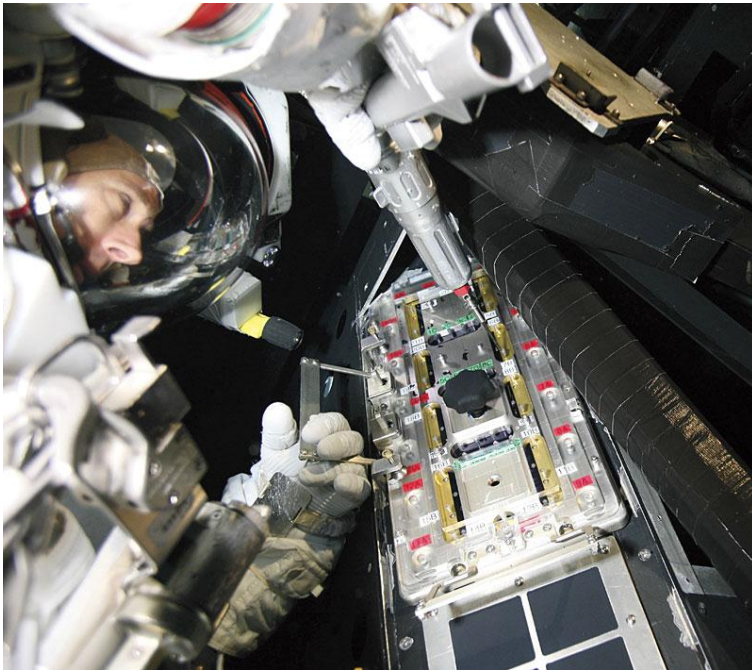
Some problems might be it could explode in space and it will be hard to know
what's happening in space. It is also really expensive to work the machine.



Changing Lives

People's lives were changed in a positive way because space science was made to another level of discovery.

People's lives were changed in a negative way because many things were forgotten after the building and launch of the Hubble space telescope.



My Opinion

Overall, I think the change from Newton's reflecting telescope to the Hubble space telescope is positive because lots of new space things were discovered after the Hubble was made and launched . It made space science's have much more subjects.

