

# **Inventions**

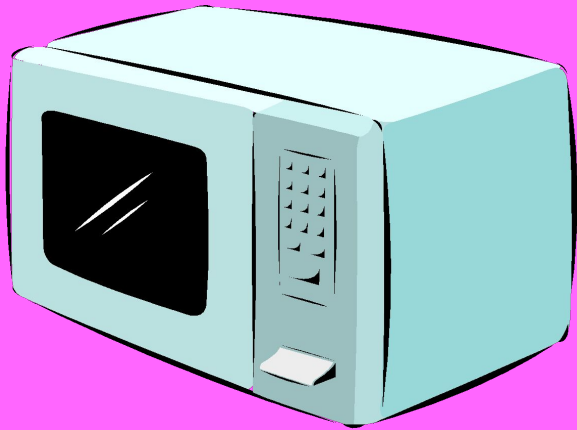
## **3<sup>rd</sup> Grade Science**

**90307.T/E.4 Evaluate an invention that solves a problem and determine ways to improve the design.**

**Anything new or different in  
the world made by people is an  
invention!**



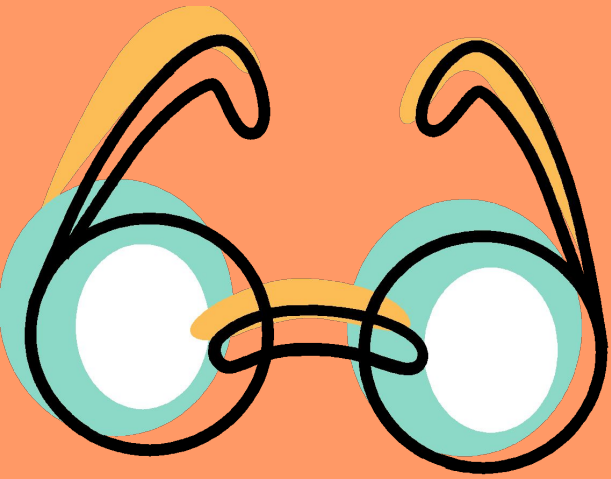
**Inventions are created to help  
make life easier and better.**



**Lots of invention are ways to  
have fun or good things to  
eat!**



**Other inventions are made to solve problems.**



# Many inventions keep people safe.



**People who create inventions are called inventors.**

**Inventors can live anywhere in the world and be any age!**

**Inventors can be anyone that  
wants to help the world!**

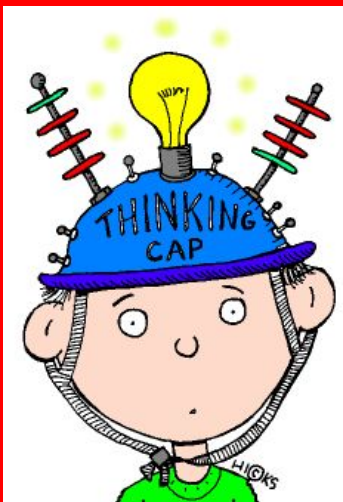


**People have been creating  
inventions for hundreds of  
years.**



# Don't give up!

- **Inventors need to plan for a long time and have to try many times before they can get their invention to work the right way.**



# **No copy cats!**

- **Once an invention works, inventors will need to get a patent.**
- **A patent makes sure that no one can copy their idea.**
- **A patent means the inventor can sell their invention to make money!**

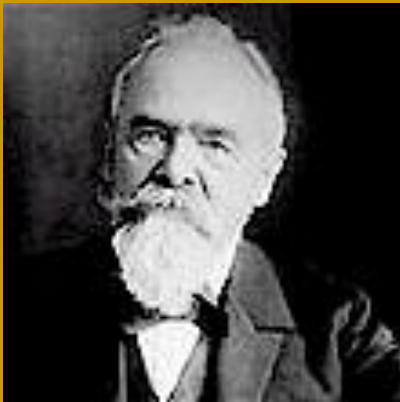
# Improvements!

- **Inventions can be changed to make them better!**
- **Changing the design or plan of an invention can help the people who use them.**



# Refrigerator

- The refrigerator was invented to help keep food from spoiling in the heat.
- Carl von Linde invented the refrigerator in 1876.
- Carl von Linde was from Germany.



# Airplane

- Wilbur and Orville Wright spent many years building balloons and kites before they built the first airplane.
- Their invention was very special because it was the first flying machine.



**Flying Kite**

# The Flyer

- The first flight took place on December 17, 1903 and lasted 12 seconds.
- The Wright Brothers' plane, the Flyer, was an important invention because it marked the beginning of human flight.

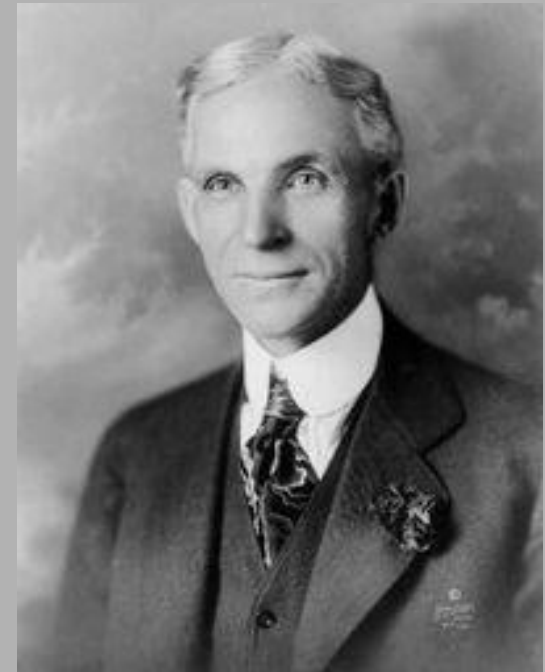


# The First Car

**Henry Ford wanted to change transportation in the world.**

**He designed the first car and used factories to build many cars in a short amount of time!**

**Many people could pay to own one of his Model T cars!**

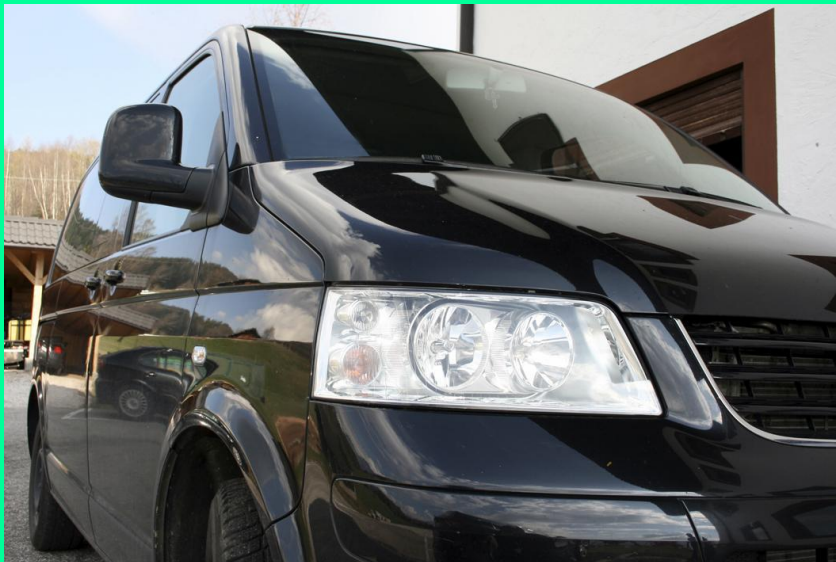


# New Cars



**Cars have gotten faster over the years.**

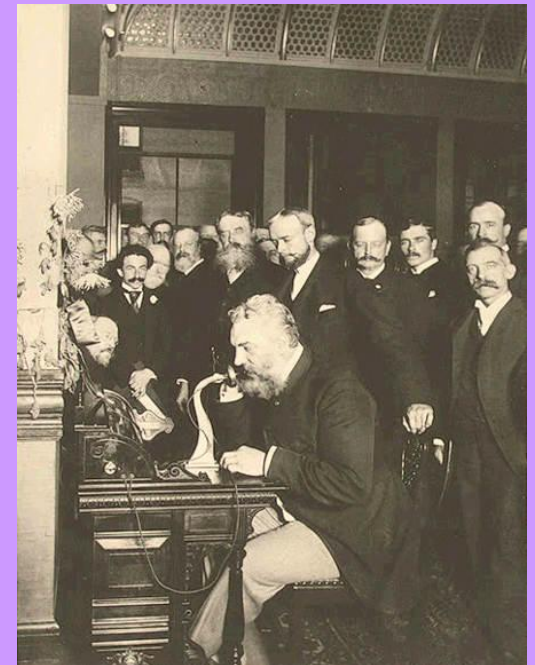
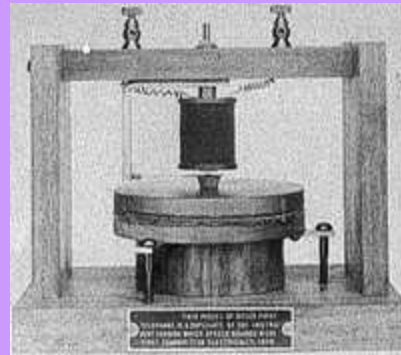
**They cost more money, but they are safer than the old Model-T cars.**





# Telephone

- Alexander Graham Bell designed the telephone in 1876.
- He wanted a faster way to talk to others who were not nearby.
- His success allowed for all people to communicate quickly!



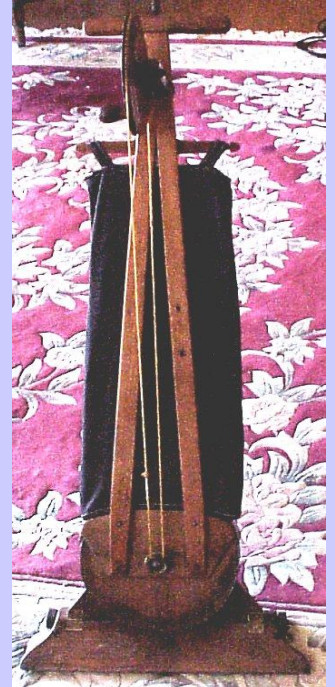
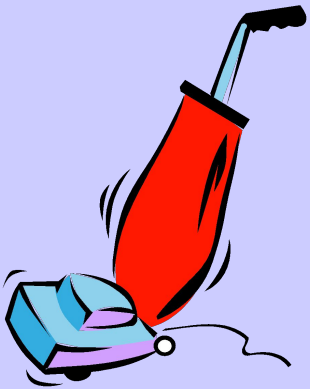
# Improving the telephone!

- Over the years, inventors have tried to make the telephone better.
- Phones that cost less let many people own one in their home.
- Cell phones allowed people to take their phone with them wherever they go!



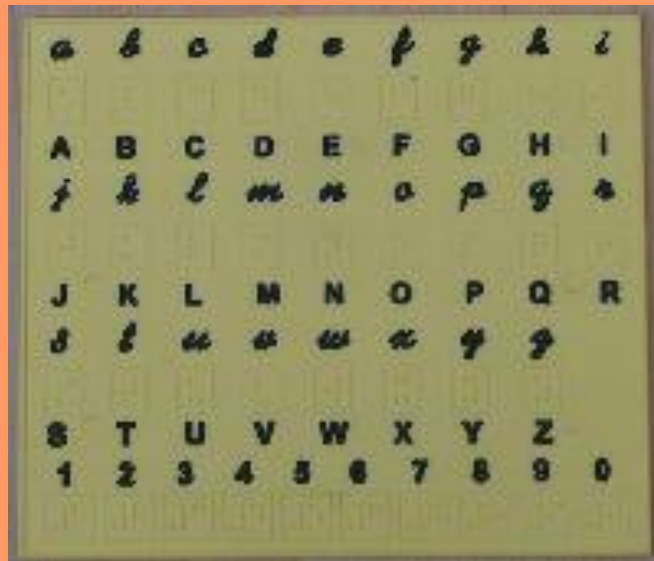
# Vacuum Cleaner

- Many people created several designs for the vacuum cleaner.
- This invention helped clean rugs, floors, and other dirty areas indoors.
- Over time vacuums have become more powerful and clean better.



# Braille

- Louis Braille was blinded as a child and he wanted a way to read.
- He invented a system of raised dots that could be read using the fingers.
- Today, this method is still used by people who are blind.



# Did you know?

- **August is National Inventors' Month.**
- **The first patent was issued in 1790 to Samuel Hopkins for a new way of making soap!**
- **Kleenex tissue was first created to be a gas mask to use in World War I.**
- **Benjamin Franklin created bifocals because he hated wearing two pairs of glasses!**
- **Toilet paper was invented by Seth Wheeler in New York!**

# Bibliography

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- <http://www.nasm.si.edu/exhibitions/gal100/wright1903.html>
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