



מדינת ישראל
משרד החינוך



מערכת שידורים לאומית

Inventions that Changed the World

Grade 6 | English

With: Karen Preis-Hirschberg

.Please make sure to bring a pencil and some paper



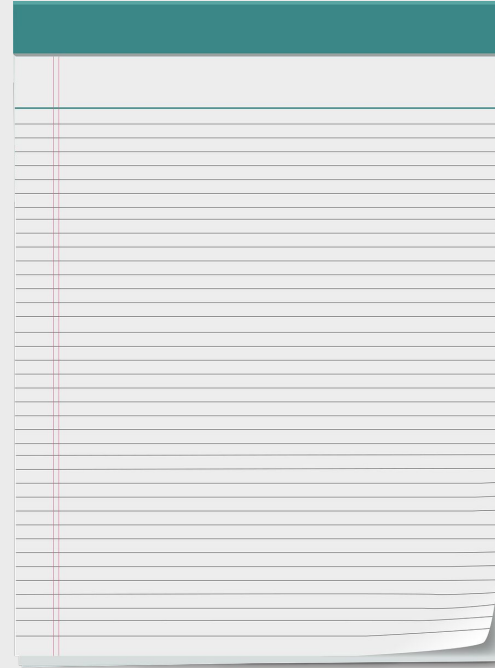
What will we do today?

- Spot the Differences
- A Way to Tell History
- Three inventions we can't live without
- People and inventions that changed the world
- Trivial Pursuit





What do you need to prepare for the class?





What do you need to prepare for the class?



01:00

Something different before we begin ...



Can you spot
the seven
differences
between the
two pictures?



Something different before we begin ...



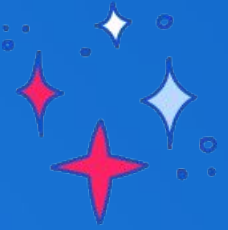
Can you spot
the seven
differences
between the
two pictures?



02:00



■ A Little Story



NPR - The Rest of the Story – Paul Harvey



■ What do we know already?



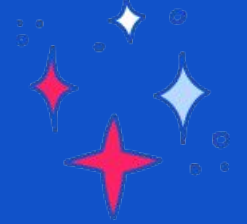
Life was very different in the past.
Inventions and discoveries have changed the way we live our lives.

What do you think are three inventions that most people say they could not live without?



Let's Begin!

Transportation On Land And Air



- horse
- horse and cart
- bike
- motorcycle
- automobile (car)
- train
- plane
- rocket ship
- space shuttle



New Vocabulary

- lift(ed) off
- flight
- lasted
- demonstrated
- hieroglyphics
- typewriter
- telegraph



hieroglyphics



typewriter



telegraph



■ Trivia Question #1

1. When did the Wright Brothers fly the first airplane?
 - a. 1903
 - b. 1976
 - c. 1876
 - d. 1898



■ Trivia Question #1

1. When did the Wright Brothers fly the first airplane?
 - a. 1903
 - b. 1976
 - c. 1876
 - d. 1898



■ The Wright Brothers

On **December 17, 1903**, on the beaches of Kitty Hawk, North Carolina, the world's first airplane lifted off and changed the world forever. ... The Wright brothers' first flight lasted only 12 seconds, but their fourth flight lasted 59 seconds and showed that the brothers had created a true airplane.



■ Trivia Question #2

What is the fastest plane ?

- a. the Concorde
- b. the Phoenix
- c. the Lockheed
- d. the Jaguar



■ Trivia Question #2

What is the fastest plane ?

- a. the Concorde
- b. the Phoenix
- c. **the Lockheed**
- d. the Jaguar



■ The Lockheed SR-71 Blackbird



Invented in 1976, the Lockheed SR-71 is the fastest plane in the world.

It can fly at 58.83 kilometers per minute!



Then and Now – Communication

- hieroglyphics

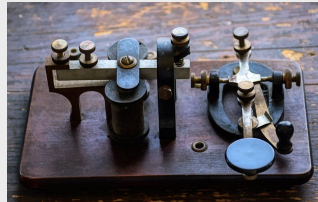


- paper (handwritten letters)

- typewriter



- telegraph (Morse Code)



- telephone

- emails

- texts

- tweets

- whatsapps



■ Trivia Question #3

Who invented the telephone?

- a. Alexander Graham Bell
- b. Thomas Edison
- c. William Tell
- d. Eli Whitney



■ Trivia Question #3

Who invented the telephone?

- a. **Alexander Graham Bell**
- b. Thomas Edison
- c. William Tell
- d. Eli Whitney

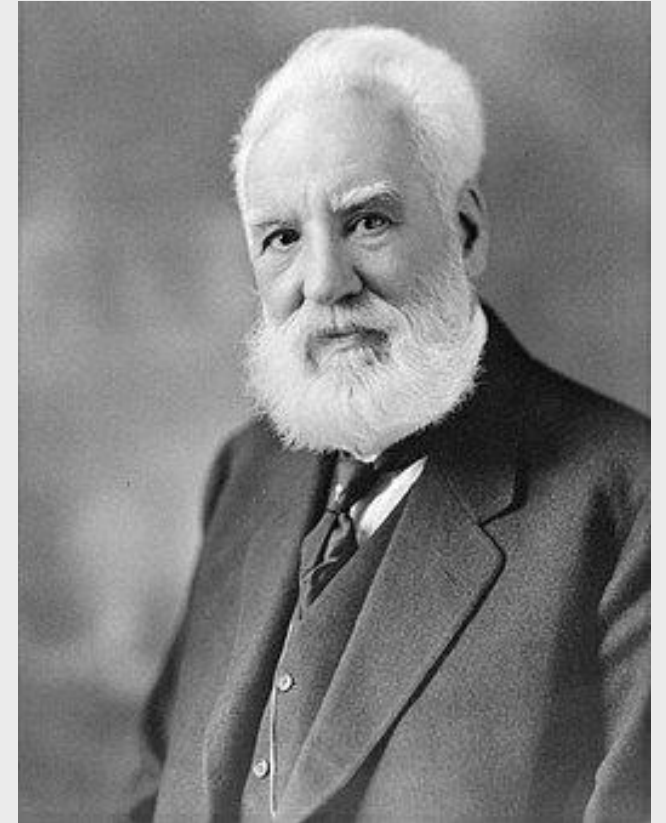


Alexander Graham Bell

Alexander invented the telephone in 1876.
Can you guess how long cell phones have
been around?

FYI – the first person to make a **cell phone** call
was Martin Cooper in 1973.

So how old are cellphones?



■ Answer

That's right!

47 years



■ Trivia Question #4

What is the Morse Code?

- a. communicating with smoke
- b. sending messages with a pigeon
- c. a famous book
- d. a system of dots and lines that represent the ABCs.



■ Trivia Question #4

What is the Morse Code?

- a. communicating with smoke
- b. sending messages with a pigeon
- c. a famous book
- d. a system of dots and lines that represent the ABCs.



■ The Morse Code

Morse Code is named after Samuel F. B. Morse (1791-1872), code that gives a set of dots and dashes to each letter of the English alphabet. It was first used in 1836.



■ Light Bulb

Thomas Alva Edison invented the light bulb and video cameras, and made important changes to the telegraph and telephone. These changes made a big difference to our lives today, don't you agree?





Practice Makes Perfect

Famous Person

1. Alexander Graham Bell
2. The Wright Brothers
3. Thomas Alva Edison
4. Martin Cooper
5. Samuel Morse

Why?

- a. first person to speak on a cell phone
- b. invented the telephone
- c. invented a code
- d. invented the light bulb
- e. invented the plane



Practice Makes Perfect

Famous Person

1. Alexander Graham Bell
2. The Wright Brothers
3. Thomas Alva Edison
4. Martin Cooper
5. Samuel Morse

Why?

- a. first person to speak on a cell phone
- b. invented the telephone
- c. invented a code
- d. invented the light bulb
- e. invented the plane

01:00




Practice Makes Perfect

Famous Person

?Why

1. Alexander Graham Bell - **b**
 2. The Wright Brothers - **e**
 3. Thomas Alva Edison - **d**
 4. Martin Cooper - **a**
 5. Samuel Morse – **c**
- a. first person to speak on a cell phone
 - b. invented the telephone
 - c. invented a code
 - d. invented the light bulb
 - e. invented the plane



Good Better Best; Never Let them Rest

True or False?



1. Leonardo Da Vinci thought about the idea for the helicopter.
2. The first computer was invented 500 years ago.
3. The first computer game was called PONG – like ping-pong.
4. WWW stands for What We Want.
5. The first cell phones were the size of bricks.
6. Dental Floss was created to help clean between your toes.
7. Taking a picture used to take 20 minutes.



Good Better Best; Never Let them Rest

True or False?



1. Leonardo Da Vinci thought about the idea for the helicopter.
2. The first computer was invented 500 years ago.
3. The first computer game was called PONG – like ping-pong.
4. WWW stands for What We Want.
5. The first cell phones were the size of bricks.
6. Dental Floss was created to help clean between your toes.
7. Taking a picture used to take 20 minutes.

02:00



Check your Answers:

True or False?

1. Leonardo Da Vinci thought about the idea for the helicopter. **TRUE**
2. The first computer was invented 500 years ago. **FALSE**
3. The first computer game was called PONG – like ping-pong. **TRUE**
4. WWW stands for What We Want. **FALSE**
5. The first cell phones were the size of bricks. **TRUE**
6. Dental Floss was created to help clean between your toes. **FALSE**
7. Taking a picture used to take 20 minutes. **TRUE**





What three things do most people say they could never live without?





What three things do most people say they could never live without?

01:00



What did we learn today?

- The importance of inventions in our lives
- Fun trivial facts



■ Assessment:



Find and make a list of 10 inventions that changed the world.
Make a timeline, writing next to each invention a little about it.
Use the Internet to find pictures and put them on your timeline
in the correct spots.
Send it to your teacher.



Assessment:



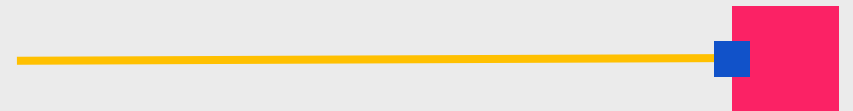
Find and make a list of 10 inventions that changed the world.
Make a timeline, writing next to each invention a little about it.
Use the Internet to find pictures and put them on your timeline
in the correct spots.
Send it to your teacher.





Bonus Activity:

- 1) Look up a famous inventor.
- 2) Find 8-12 facts about him/her.
- 3) Write a paragraph about him/her.
- 4) Videotape yourself reading it and send it to your teacher.





מדינת ישראל
משרד החינוך

■ Thank you for
!watching
הופק עבור משרד החינוך ע"י מטח