

## AMAZING INVENTIONS

Have you ever wondered how some products got their names? Learn this history of some everyday items and take a look at the timeline of some famous inventions.

### **Kansas College and Career Ready Standards for History, Government, and Social Studies (HGSS)**

- 3.1 The student will recognize and evaluate how societies are shaped by the identities, beliefs, and practices of individuals and groups.

## Advance Preparation:

Please copy the “Names We Know” page for each student. This page can be found in the Teacher Packet.

Also, students will be playing an invention game during the program. They will need to be divided into small groups and each group will need one set of the inventions from the “Inventions Game” page (there are two sets on the page). These should be cut apart prior to the program to save time.

**During the “Amazing Inventions” IDL program, we will be doing the following activities and students will need the corresponding materials:**

### Activity

### Supplies

Names We Know

“Names We Know” page

pencil

Inventions Game

List of inventions (cut apart)

Pencils

Cool Inventions

No supplies

# Program Connection Information

***Please use an external microphone (conference style) rather than the integrated one in the computer for the audio for your class and locate it centrally in the room. It can be difficult for the Greenbush teacher to hear the students using the computer microphone and therefore it reduces the interactive nature of the lesson. It is fine to use the computer webcam for your video source though.***

All classes will take place using Zoom desktop video. If your building is already set up to use a desktop video application with a computer, simply open a browser and enter <https://zoom.us/j/3662120241> in the URL space. You may need to download Zoom launcher software (free download) if you don't already have it. This needs to be done in advance of the lesson.

If using a Polycom video conferencing unit (or any legacy type video conferencing unit) to connect to a ZOOM conference, make sure the unit is in "encrypted mode" then dial the following IP on the internet: 162.255.37.11 or 162.255.36.11 and once connected, they will ask for a MEETING ID: enter 3662120241 (for Sharon at Science Center).

It's always a good idea to touch base with your district technology facilitator prior to your program to make sure all systems/equipment are in place and operational and no firewalls that might prevent you from connecting to Zoom.

Classes take place at the following times:

9:00-9:45  
10:00-10:45  
12:15- 1:00  
1:15-2:00  
2:15-3:00

If you log in during one of those times, you may connect during another class' lesson. If you do, please check your connection to make sure things are working properly and then leave the meeting until your scheduled time by selecting "End Meeting" in the lower right corner of your Zoom screen and click on "End Meeting". You will need to rejoin the meeting at your scheduled time. This prevents your site from interfering with the lesson currently in progress. After your lesson is finished, please leave the meeting.

If you have questions, please call Sharon Bertolio at Greenbush (620-724-6281).

# Names We Know

\_\_\_\_\_ Alexander Graham Bell

\_\_\_\_\_ Levi Strauss



\_\_\_\_\_ Henry Ford



\_\_\_\_\_ King Gillette

\_\_\_\_\_ Charles Goodyear

\_\_\_\_\_ Henry Heinz



\_\_\_\_\_ William Hoover

\_\_\_\_\_ Andrew Jergens

\_\_\_\_\_ Robert, James and Edward Johnson



\_\_\_\_\_ John Kellogg

\_\_\_\_\_ Samuel Morse

\_\_\_\_\_ Henry Alden Sherwin and Edward Williams



\_\_\_\_\_ Isaac Singer

\_\_\_\_\_ Ignacio "Nacho" Anaya García

\_\_\_\_\_ John B. Stetson



\_\_\_\_\_ Earl Tupper

\_\_\_\_\_ Noah Webster

\_\_\_\_\_ William Wrigley Jr.

A. sewing machine

B. cereal

C. tires

D. cowboy hat

E. vacuum cleaner

F. telephone

G. denim pants

H. automobiles

I. tortilla chips and  
cheese snack

J. dictionary

K. ketchup

L. first aid supplies

M. telegraph code

N. plastic containers

O. razors

P. hand lotion

Q. ready to use paint

R. chewing gum

**Invention Game**

Braille alphabet

Braille alphabet

Internet

Internet

Light bulb

Light bulb

Telephone

Telephone

Refrigerator

Refrigerator

Thermometer

Thermometer

Microscope

Microscope

Wheel

Wheel

Paper

Paper

Printing

Printing

# **Additional Lesson Resources**

# Everyday Inventions

Select one of the following everyday inventions and research how it was invented and by whom. Use the "Invention Research" page to record your findings.

Band-aids

Oreo cookies

Barbie doll

Post-it notes

Basketball (game)

Potato chips

Blue jeans

Rollerblades

Coca-Cola

Sandwich

Flavored chewing gum

Silly Putty

Frisbee

Slinky

"Happy Birthday to You" song

Teddy bear

Kleenex

Television

Koosh ball

Tinkertoys

Legos

Toilet paper

Monopoly

Velcro

Nike sneakers

Helpful resources:

*Action Book of Inventions and Discoveries*, Action Publishing, 1996.

*Great Invention That Shaped the World* (previously published at *Great Inventions*,) Bennington, Harrison, Morrison and Oxlade, Hermes House, London, 2003.

*Mistakes That Worked*, Charlotte Foltz Jones, Doubleday Books for Young Readers, 1991.

*Panati's Extraordinary Origins of Everyday Things*, Charles Panati, Harper and Row, New York, 1987.

Websites:

Inventors and Inventions

<http://www.enchantedlearning.com/inventors/>

Famous Inventions- A History of Inventions

<http://inventors.about.com/>

Inventions

<http://www.cln.org/themes/inventors.html>

Inventions and Discoveries

<http://www.infoplease.com/ipa/A0004636.html>

Inventors and Inventions

<http://sciencenetlinks.com/collections/inventors-and-inventions/>

Don't forget to check your school or community library for additional resources!!

Name \_\_\_\_\_

## Invention Research

Invention: \_\_\_\_\_

Date Invented: \_\_\_\_\_

Uses: \_\_\_\_\_

Created by: \_\_\_\_\_

Born: \_\_\_\_\_ Died: \_\_\_\_\_ Lived in: \_\_\_\_\_

Additional accomplishments: \_\_\_\_\_

\_\_\_\_\_

Childhood background: \_\_\_\_\_

\_\_\_\_\_

Education: \_\_\_\_\_

\_\_\_\_\_

Other interesting information: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How has this invention affected your life? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_