

Brandon Valley School District
District Learning Plan
May 11-15, 2020

Grade 1 Social Studies/Science



Brandon Valley School District Distance Learning Plan

LESSON/UNIT: Inventors

SUBJECT/GRADE: Science/Social Studies 1st Grade

DATES: May 11-15



What do students need to do? Link to BV instructional video for week of May 11 - 15, 2020	Monday (5/11): Read Wright Brothers article Tuesday (5/12): Complete Wright Brothers assignment Wednesday (5/13): Read Thomas Edison article Thursday (5/14): Complete Thomas Edison assignment Friday (5/15): Discuss with an adult which invention from the articles was the most important!
What do students need to bring back to school?	1. Wright Brothers Assignment 2. Thomas Edison Assignment
What standards do the lessons cover?	<ul style="list-style-type: none"> ● 1.H.1.2 Describe ways people learn about the past including but not limited to photos, artifacts, stories, and videos ● 1.RL.9 Compare and contrast the adventures and experiences of characters in stories ● 1.RI.9 Compare and contrast two texts.
What materials do students need? What extra resources can students use?	Necessary Materials: <ul style="list-style-type: none"> ● Wright Brothers Article ● Wright Brothers Assignment ● Thomas Edison Article ● Thomas Edison Assignment
What can students do if they finish early?	<ul style="list-style-type: none"> ● jr.brainpop.com ● mysteryscience.com ● pebblego.com
Who can we contact if we have questions?	<p>Brandon Elementary Building Principal: Mr. Horst- Merle.horst@k12.sd.us Teachers: Ms. Darling- Sarah.Darling@k12.sd.us Ms. Grabinski- Jillian.Grabinski@k12.sd.us Ms. Lindner- Erin.Lindner@k12.sd.us Ms. Meier- Heidi.Meier@k12.sd.us Ms. Visser- Erin.Visser@k12.sd.us</p> <p>Fred Assam Elementary Building Principal:</p>

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Notes: What do you think is the best invention ever? If you could invent something, what would it be?

Instructional materials are posted below (if applicable)

Brandon Valley School District

Wright Brothers



Introduction

Inventors Wilbur and Orville Wright dreamed of flying. Wilbur was born in 1867 in Indiana. Orville was born in 1871 in Ohio. They were

interested in how things work.
They earned money by selling
toys and kites they made.

Early Lives

In 1878 Mr. Wright gave his sons a toy helicopter.

Wilbur and Orville made their own helicopter. It didn't work very well. But that didn't stop them from tinkering with things. In 1892 they opened a bike shop in Ohio.

Early Work

Wilbur and Orville built huge kites and **gliders** to learn about flying. In 1900 they tested their newest **glider** near Kitty Hawk, North Carolina.

They kept working.

They brought new and better **gliders** there year after year.

Lives' Work

The Wright brothers made an **engine** for their newest flying machine. On December 17, 1903, Orville got into the airplane. They called it the *Flyer*. And at Kitty Hawk it did fly. They had proved that people could fly.

Contributions

The Wright brothers kept building better airplanes. Today's airplanes still use the Wright brothers' basic ideas. Wilbur died in 1912. Orville died in 1948. Because of them, we can travel the skies.

Glossary Terms

glider - aircraft that uses wind to fly instead of an engine

inventor - a person who thinks of and creates something new; the new item is his or her invention

engine - a machine that changes an energy source into movement

“Wright Brothers.” *Biographies*. Capstone, www.pebblego.com. Accessed 6 Apr. 2020.

Name _____ Date _____



Share What You Know

Draw a picture of the Wright brothers.

A large, empty rectangular box with a black border, intended for a student to draw a picture of the Wright brothers.

Facts about the Wright brothers:

The Wright brothers are important because

Thomas Edison



Introduction

Famous **inventor** Thomas Edison was born in Ohio in 1847. Thomas was a curious child. He tried to find answers to his questions. He read science books.

He did experiments.

He invented new machines.

Early Life

When Thomas was 12, he sold newspapers and food on a train. He set up a small **laboratory** in one of the train cars. He tried new **experiments** there. In 1863 Thomas learned to send and receive **telegraph** messages.

Life's Work

Thomas soon **invented** better **telegraph** machines. In 1876 he moved to Menlo Park, New Jersey. Thomas built a large **laboratory**. He asked other good scientists to work with him. In 1877 he **invented** the **phonograph**.

Later Years

Thomas wanted to make a light that ran by **electricity**.

In 1879 he **invented** a lightbulb. Thomas made many other inventions.

He **invented** a movie **camera**.

He **invented** a type of copy machine.

Contributions

Thomas was one of the greatest American inventors.

People called him the "Wizard of Menlo Park."

Thomas died in 1931.

People around the world still use his inventions today.

Glossary Terms

camera - a machine for taking photographs or making movies

electricity - energy caused by moving particles

invent - to create a new thing or method

laboratory - a room or building with special equipment for people to use in scientific experiments

phonograph - a machine that plays sounds that have been recorded in the grooves of a record; a record has recorded sound or music

inventor - a person who thinks of and creates something new; the new item is his or her invention

experiment - a scientific test to see the effect of something

telegraph - a machine that uses electrical signals to send messages over long distances

“Thomas Edison.” *Biographies*. Capstone, www.pebblego.com. Accessed 6 Apr. 2020.

Name _____ Date _____



Share What You Know

Draw a picture of Thomas Edison.

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Facts about Thomas Edison:

Thomas Edison is important because
