Student Learning Plan

Name: Patricia Kaminsky

Subject: Ben Franklin a Scientist and Inventor

Grade: 3

Goal: The students will be able to see why the inventions of Ben Franklin are so important to our daily lives today just as they were many years ago.

Importance of the lesson, relevance for students

The students will be able to trace Ben’s experiments with electricity to see the connection between his discovery of electricity and how we have advanced in its use today.

The students will discover how Benjamin’s discovery of bifocal glasses can see the connection to wearing bifocals today.

The students will see how many other inventions of Ben Franklin have affected people’s lives over the years.

Related Primary and Secondary Sources:

Primary Source:

Documents: Library of Congress website (www.loc.gov)

http://www.loc.gov/exhibits/treasures/franklin-scientist.html

Type in: Benjamin Franklin’s inventions

Click on: Benjamin Franklin, scientist and inventor: Benjamin Franklin … In His Own
Another Website: bensguide.gpo.gov

Secondary Source:

Reading and Social Studies textbook

Expected Duration

One week

Objectives

Academic Standards:

8.1.3 D and 8.2.3 A Pennsylvania _____ National (SPA)

Assessment method:

Tests will be given at the conclusion of the lesson to check for comprehension.

Objectives are:

X Cognitive _____ Affective _____ Psychomotor

Student Objectives: (related to assessment)
As a result of this lesson, the students will be able to:

Understand and explain in a paragraph how Ben Franklin’s invention of electricity has had an impact on their lives today.

The students will be able to list two ways that bifocals are useful to people today because of Franklin’s invention.

The students will list two ways that the lightning rod can be important to their lives.

The students will be able to write in a short paragraph how the use of the Franklin Stove during Franklin’s days has changed to our modern day stoves today.
Content Notes and Questions for Students:

Print out of Ben Franklin’s inventions to be discussed:

http://www.loc.gov/exhibits/treasures/franklin-scientist.html

Pictures of the following:

The Franklin Stove
Bifocals
Experiments with Electricity
Lightning Rod

Questions:

1. Can anyone state a common factor for all of the above inventions? (Read them.)
2. Name some ways that these inventions have affected our daily lives.
3. Has anyone ever seen a lightning rod and what is its purpose?
4. Does anyone wear bifocals and why?
5. Name some ways we heat our homes and cook our food today.

Professional Development

Thoughts before/after Teaching the Lesson:

Before beginning the lesson I hope to enable my students to become familiar with Ben Franklin and all his discoveries. After the lesson I hope the students will be encouraged to open their minds to discover as much as they can and hopefully be our future inventors.

ADDITIONAL NOTES/COMMENTS