

# Lesson Plan: SPUTNIK

**Student Teacher:** Richard A Say

**Date:** July 16, 2008

**Grade level:** 10<sup>th</sup>

**Subject:** World History

Supervisor: Warfield

## Preliminary Planning

**PA Standards:** 8.1.12B, C, D; 8.3.12B, C, D; 8.4.12B, C, D; 5.4.12B, C

### Pre-assessment:

What is Sputnik?

What was the Space Race?

Who was the U. S. president in 1957?

### Objectives:

ASWBT explain the significance of the launch of Sputnik.

ASWBT describe 3 key milestones of the Space Race.

ASWBT list 5 gains in technology and international cooperation that resulted from the race.

### Individual modification:

Sally; I will give a copy of all handouts to her resource room instructor and her caregivers ahead of time. I will also give a copy of the lesson plan and my notes to the resource room instructor. I will outline the key information on all documents. During the group activity I will place Sally in a group of students with mixed abilities with a good inclusive leader. The question they will have to answer will be appropriate for the group.

Michael; I will make sure Michael has preferential seating where we can have good visual contact (he can see me and I can see him). I will have established a subtle non-verbal signal with Michael so that when he or I realize that he is getting agitated I can change up the lesson plan and deal with the issue. I will place on his desk an index card that will give him a few helpful ways to de-escalate himself when he starts getting agitated: 1. Take a deep breath. 2. Count to ten slowly. 3. Ask for a bathroom pass.

Both; At the beginning of class I will review an outline of the lesson activities and list them on the board. I will also list the outline and all of my notes on my website.

### Materials:

Warm up transparency-Baltimore Post, Oct. 1957 White House memorandum hand out, Sputnik questions hand out, vocabulary list of terms, Space Race transparency, Sputnik Legacy graphic organizer and white board.

## Learning Sequence

### **INTO**

#### **Introduction/Motivation/Focus Attention**

time:  
10 Min

I will ask the pre-assessment questions. I will start a discussion of life in 1950's-ask students what they know about the time period. I will have the class do a mock air raid drill. I will show the Baltimore Post transparency and talk about the launch of Sputnik and the status of the U. S. space program at the time

### **THROUGH**

#### **Learning activities (Input modeling, checking for understanding, guided practice, Independent practice:**

time:  
25 Min

I will have the students break up into five person groups for a cooperative activity- Teaching with documents; review and discussion of 1957 Secrete memorandum (handout). Each person will get a copy of the document and a list of the key terms. I will have each group read the document and answer a question. Each group will have a different question to answer. We will discuss the document and their answers. I will show the class a transparency of Space Race (hand out) and have a teacher led discussion about it.

### **BEYOND**

#### **Closure (review, check for understanding, Summarize, Future forecast, transition)**

I will have a teacher led discussion of the legacies of Sputnik. I will discuss a white board web diagram of advances, technological gains and international cooperation that resulted from the Space Race. I would emphasize the effects of NDEA, ARPA and NASA-“How Sputnik changed everything”

time:  
10min

## POST INSTRUCTIONAL PLANNING

1. What levels of thinking (Bloom) did your lesson incorporate?  
Knowledge, comprehension, evaluation
2. How did you evaluate your student's performance?
  - a. Checking for understanding  
Questions and answers relating to documents and Space Race timeline
  - b. Guided practice  
Conceptual understanding of times
  - c. Independent practice  
Questions and answers about Sputnik legacy
3. In what ways have you included safeguards that all children will learn including second language learners and special needs students?
  - a. Cooperative learning activities
  - b. Resource room materials
  - c. Special consideration
4. Total participation techniques: How did you make sure all students were engaged in your lesson?
  - a. Mock air raid
  - b. Cooperative learning session on document reading
  - c. Question and answer session
5. Describe the instructional modes that you used in each of your activities (VAKT)
  - a. Teacher led discussion
  - b. Group activity
  - c. Visual aides; transparencies, handouts
  - d. Group activity
  - e. Teacher lead discussion- graphic organizer
6. Describe the changes I would make if I taught this lesson again.
  - a. I would use a power point presentation and show animation of the Sputnik launch and a news reel of the 1950's