

**Lesson Plan Title:** Creating an Excel spreadsheet and a writing paper using state's data

**Concept / Topic to Teach:**

Students in the 5<sup>th</sup> grade will collect use an Excel spreadsheet for displaying data and providing a report (written or oral).

**Standards Addressed:**

Knowledge and Skills – Social Studies Skills – 25(A), 25(F), 26(B)

The students will apply critical thinking skills to acquire and organize information on maps, class textbook, electronic technology. In addition, students will communicate the information collected in written, oral or/and visual forms.

**General Goal(s):**

Students will be able to identify different parts of the states by collecting information on the 50 states of the United States to include population size, area size, state capital, and bordering states by entering the data in a spreadsheet document.

**Specific Objectives:**

- The students will conduct research on the Internet to collect data using at least three websites.
- The students will create an Excel spreadsheet and utilize other computer skills.
- The students will be used geographic tools (maps and globe).
- The students will create an essay using the writing process.

**Required Materials:**

United States map, class textbook, Internet Access, class computer, Microsoft Excel software, paper, pens

**Anticipatory Set (Lead-In):**

The teacher will present a video using Photo Story 3 outlining a summer road trip. The teacher will discuss the importance on understanding how to read a map. Students will be given the opportunity to discuss their personal road trips. The teacher will also display the different types of geographic tools available (maps, globe, compass, GPS).

**Step-By-Step Procedures:**

- The teacher will provide website where information can be research on the Internet.

- The students will be shown where maps, globes, and book materials will be available in the classroom and in the library.
- The students will document the information collected for the assignment on paper.
- The teacher will provide instruction and assist students to access the Excel software on the computer.
- The students will enter data into the spreadsheet.
- The students will save data in the spreadsheet.
- The students will create an outline of discovery on five of the fifty states. This outline will prepare the students for a writing paper.
- Students will be asked to write a three page writing paper on their discovery on the five of the fifty states. They should discuss the facts on the states researched using critical thinking skills. The students will be asked to follow the writing process and to utilize their writing skills.

**Plan for Independent Practice:**

The students will create an outline of discovery on five of the fifty states. This outline will prepare the students for a writing paper.

**Closure (Reflect Anticipatory Set):**

The students will be asked to share their research and writing essay to the class. The oral presentation will be optional.

**Assessment Based On Objectives:**

Project rubric created by the teacher to assess the project is as follows:

Description	Possible Points
All 50 states included in the spreadsheet	25
The required items were included on spreadsheet: population size, area size, state capital, and bordering states	25
Student utilized Internet, maps, computer, textbooks, globe	25
Writing paper (play, journal, colorful map, or presentation)	25

**Adaptations (For Students with Learning Disabilities):**

Student can choose an alternative form to the writing paper. The alternative can include a play, journal, colorful map, or presentation.

**Extensions (For Gifted Students):**

Students will be asked to research the 50 states and to writing a 5 page writing paper by discussing their discovery on 10 of the states. They should discuss the facts on the states researched. The students will be asked to follow the writing process and to utilize their writing skills.

**Possible Connections to Other Subjects:**

The students will develop writing skills and critical thinking applicable to English/Language Arts, Math, and Science. In addition, they will develop computer skills that can be utilize in projects assigned in other subject areas as in Math and Science.