NLMUSD Model Integration Technology Pilot

Technology Integration Unit/Lesson Plan Template (modified from MTS Lesson Plan Template)

Lesson title: Solar System/Moon Phases Keynote
Name: Loreen Miyoshi
Subject area: Science & Technology
Grade level: 3
Time frame:

Brief lesson/unit Summary/Description

In cooperative groups the students will create a Keynote slideshow presentation about the planets in the solar system, or the phases of the moon.

State Content Standard/Benchmark addressed http://www.cde.ca.gov/be/st/ss/index.asp

Science- Earth Sciences 4b, 4d
Writing - Writing Strategies 1.1, 1.3

Educational Technology Standard/Benchmark addressed http://www.iste.org/standards.aspx

1. Demonstrate creativity and communication
2. Communicate and collaborate
3. Use technology effectively and productively

Integration into NLMUSD Curriculum Maps (If applicable in Language arts or Math)

Students will use information and content knowledge learned in Unit 4 Reading (Nonfiction) to collect information, research topics, and organize information for presentation slides..

Students will understand (lesson/unit objectives):

Students will research topics to gain the background knowledge needed to write a concise paragraph about their topics. They will develop a topic sentence and include supporting facts and details. Students will use proper sentence structure, grammar, capitalization, punctuation, and spelling to complete their slide(s).

Essential Questions to guide this unit/lesson and focus teaching and learning:

Can students write a topic sentence and include supporting details in their writing?

Technology & Web 2.0 resources needed (hardware and software, websites)

iMac or iPad, Keynote Application, Quicktime Player

Procedure (learning activities)/ lessons of unit

1. Students will research their given topic using various resources (books, science text, science readers, and internet).
2. Using Google Images, or other sites, students will find photographs/pictures to use for presentation slides and save to a designated folder on the computer.
3. Students will write a concise paragraph about their topic.
4. Student groups will meet to discuss information learned. Create a storyboard for order of slides.
5. Create slide(s) individually with photo/graphic/picture and typed text (topic sentence).
6. Record audio using QuickTime for their individual slides.
7. Students will work collaboratively to put individual slides into presentation.
8. Students will continue to work together to add transitions, edit text, and polish presentations.
9. Students will present Keynote presentations to the class.

Assessment Method

4 Point Rubric on writing and presentation

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Notes: *(this area may list accommodations, differentiation, as well as other key information that may not fit into the categories above)*