

Lesson Plan #4

1. Lesson Title: Classroom Applications
2. Grade/Age Level: Teachers who teach all levels K-12
3. Subject Area: Professional Development for Teachers
4. Time allotted for the lesson: Allow at least for 1-3 hours to complete this lesson.
5. Short description of lesson:

In this lesson, the learners will explore classroom applications for using the SMART Board in their classroom. Learners will watch videos, read materials, and complete hands-on activities covering topics of using SMART Notebook. The hands-on activity asks the teachers to explore The SMART Exchange and other websites to gather resources and ideas for their individual classroom. In addition, the placement of the SMART Board in the classroom is a focus of this lesson.

6. Curriculum Standards met in this lesson:

National Technology Education standards that are listed below.

<http://www.iste.org/standards/nets-for-learners/nets-for-learners-2008.aspx>

Design and Develop Digital-Age Learning Experiences and Assessments

Learners design, develop, and evaluate authentic learning experiences and assessment incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S. Learners:

- a. design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity
- c. customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources.
- d. provide students with multiple and varied formative and summative assessments aligned with content and technology standards and use resulting data to inform learning and teaching

Model Digital-Age Work and Learning

Learners exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society. Learners:

- a. demonstrate fluency in technology systems and the transfer of current knowledge to new technologies and situations.
- d. model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate, and use information resources to support research and learning

7. Instructional Objectives:

- Learners will be able to share at least three ideas for how they will be able to use the Smart Board daily in their classroom.
- Learners will be familiar with The Smart Exchange website and other resources that will be helpful to them when designing instruction for their classroom.
- Learners will be able to share at least three reasons for effectively integrating interactive whiteboard technology into their classroom.
- Learners will be able to share with others how the Smart Board would be best set up in their individual classroom.

Instructional Procedures

This lesson is designed as a self-paced learning adventure for teachers. It can be completed individually, as a pair, or in a small group of no more than 3-4 teachers.

- a. Lesson Set
 - i. The lesson will open with the learners thinking about and discussing the placement of their SMART Board in their classroom.
- b. Techniques and activities
 - i. The learner will read through the webpage and view the graphics that show information about the classroom applications SMART Board.
 - ii. The learner will view the video tutorials.
 - iii. The learner will read over the handouts listed on the website.
 - iv. The learner will complete the hands-on tasks.
 1. Explore online resources.
 2. Record notes.
 3. Share with others.
 - v. The learners will participate in a brief discussion with their partners about what they learned throughout this lesson.
 - vi. Each learner will complete a self-assessment of their skills.

c. Lesson Closure

To close the lesson, learners will share at least two things they learned with someone else. If a teacher is working individually, they can record the items and share them with someone at a later time. If a group is involved, then each person can share their answers and a discussion can be completed.

8. Adaptations for special learners

For learners with special needs modifications can be made. For visual impairments the text on the webpage can be made larger. A screen reader can also be used when viewing the website. Because this lesson is designed for an individual as well as a group, if extra time is needed then it can easily be taken to complete the lesson in a longer amount of time.

9. Supplemental Activities: Extension and remediation

- a. For extension activities, learners can spend time exploring additional resources and videos. For remediation, learners should be encouraged to re-watch, re-read and complete the hands-on a second time, if needed.

10. Assessment/Evaluation

The assessment for this lesson is a self-assessment completed at the end of the lesson. This self assessment asks the learner to rate themselves in different skill areas. Learners should be encouraged to spend additional time mastering skills if they are not are rating themselves as a "1" or "2" on a specific skill.

11. Learner Products

Through the lesson the learner will work through the hands-on activity sheet. Through this activity the learner will record ideas and resources that will be helpful to them in the classroom. In addition, a word cloud will be created through Wordle.

www.wordle.net