

Lesson Plan #1

1. Lesson Title: Learning the Basics of using the SMART Board
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 1-2 hours to complete this lesson.
5. Short description of lesson:

In this lesson, the learners will be introduced to the basics of a SMART Board. Learners will watch videos, read materials, and complete hands-on activities covering basic topics of using the SMART Board in the classroom.

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 identify the different parts of the Smart Board “unit”.
- Learners will be able to calibrate the board.
- Learners will be able to open any program/file and use the pen functions to draw over or write on the program.
- Learners will be able to launch the Internet.
- Learners will be able to use their finger or the pens to navigate around the board as well as write on the board.

8. 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 by viewing videos about the classroom of today and what a SMART Board is and how it is used in the classroom. Learners should be encouraged to share their thoughts about these videos.

b. Techniques and activities

- i. The learner will read through the webpage and view the graphics that show information about the 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 at the SMART Board to practice the skills that were covered in the videos and the handouts.
- 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.

9. 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.

10. Supplemental Activities: Extension and remediation

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.

11. 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

12. Learner Products

Through the lesson the learner will work through the hands-on activity sheet and complete the activities.

<http://downloads01.smarttech.com/media/trainingcenter/basicfunctionality.pdf>