NCADP COMPUTERS PART III

#### ASSIGNMENT # 4

### The Interactive SMART Board

RATIONALE

Interactive white boards have dramatically changed how educators present lessons to their students. These technological devices are far more than a glorified white board or overhead projector. They allow educators to adapt their lessons to better meet the different learning styles of students, create better engagement and incorporate many different media types within one activity. Unfortunately, as with many new technologies, educators are often slow to adopt them because of the ‘fear factor’.

PURPOSE

For this assignment you will be required to explore several SMART board activities, evaluate two related to a particular topic (i.e. math, science, etc.) and present one activity to the rest of the class. The following points will assist in the completion of this assignment;

1. Register with SMART Exchange (http://exchange.smarttech.com);
2. Use the “Browse By” tabs to explore a variety of lessons. They are organized by ‘Subject’, ‘Grade’ and ‘File Type’;
3. Download the lessons that appeal to you and spend some time exploring them. Most can be customized.
4. Select two lessons and complete the attached evaluation
5. Prepare a brief presentation (5 – 10 minutes) to demonstrate the activity you’ve chosen including any changes that you made.

The following page outlines the rubric for evaluation purposes.

DUE DATE

This assignment is due on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. It can be submitted in class or to the NCADP office. NCADP COMPUTERS PART III

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### EVALUATION

Complete the following sections for two of the SMART lessons that you explored.

**Activity Title** –

**Subject Area** –

**Grade Level** –

**Description** (describe the main purpose behind this activity and how students/educators would interact with this activity)

**Customization** (explain how you could/did add your own changes to the activity to better meet the needs of your students)

**Expectations** (list at least two curriculum expectations that would be met through the completion of this activity)

**Overall Opinion** (How effective do you think this activity would be in your class? What challenges would your students face? Would you recommend this activity to others?)

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**Overall Opinion** (How effective do you think this activity would be in your class? What challenges would your students face? Would you recommend this activity to others?)

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**The Interactive SMART Board - Rubric**

Name:

# Written Evaluations

|  |  |  |  |
| --- | --- | --- | --- |
| **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| More than one of the following missing – title, subject or grade level | One of the following missing – title, subject or grade level | Title, Subject and Grade Level complete for both activities |  |
| Worksheet does not meet stated expectations | Worksheet attempts to meet stated expectations | Description clearly outlines the main purpose of the activity | Worksheet meets 2 or more stated expectations |
| The description fails to clearly outline how the lesson would be used in a classroom setting | Only one use of the lesson is described or some important details missing. | The Description includes 2 ways in which the lesson would be used in a classroom setting | The activity is used creatively in several different ways or to meet several different learning styles |
| The evaluation does not outline how the lesson would be customized or the changes would not improve the quality of the lesson | Some customization is described, but lacks detail or clarity. | The evaluation clearly outlines how the activity would be customized for an individual class or learner | The activity has been customized in several interesting or unique ways that go beyond the initial use of the lesson |
| No expectations are included or there is no link to the curriculum | Only one expectation is included or the link to the curriculum is not clear | Two expectations are included that clearly link this activity to the Ontario curriculum | Several expectations are included from different subject areas that clearly link the activities to the curriculum |
| The opinion section is incomplete | An opinion is provided but is lacking in supporting details | The Overall Opinion section covers all of the key points in a clear and concise fashion | The opinion section demonstrates a detailed, thoughtful and thorough outline of the strengths and weaknesses of this activity |

## Presentation

|  |  |  |  |
| --- | --- | --- | --- |
| **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| Few or none of the required components included | Some of the required components included | The student demonstrates a clear understanding of how the SMART lesson works and would be used in a classroom | More than the required components included |
| Little or no customization is used in the lesson | The lesson is customized but not clearly explained | Some customization is employed during the demonstration | Several customizations are employed and demonstrated |
| Few or none of the required components included | Some effective presentation skills are demonstrated. | Good presentation skills are employed | Exceptional presentation skills are used. |

|  |  |
| --- | --- |
| **Final Mark**    25 | **Comments** |