

TECHNOLOGY RESEARCH REPORT

INSTRUCTIONS

Goals of Assignment

In completing this activity, you should be able to:

- Describe three important functions of a technological resource that is already available or that can easily be made accessible at your field placement.
- Design one instructional activity that incorporates the use of the technological resource.

Description

For this assignment, you will complete a technology report on an “emerging technology” that is available or that can be easily made accessible at your field placement.

The emerging technology can be *hardware* (e.g. digital cameras, computers, camcorders, projection systems, scanner, TV-VCR etc.), *software* (educational computer programs/ games, etc.), or a *web-based resource* (an instructional website, a web resource for teachers, an online forum/blog, a wiki) that is interesting or new to you.

Note:

- You can work in groups of up to three to prepare the report if you inform your instructor.
- You should have approval from your instructor regarding the appropriateness of the technology you will be reporting on.

Due Date: November 12

Procedure

1. Identify the emerging technology you would like to explore: The resource you select should be available to you to use and review (i.e., don't select a piece of hardware or software that is not accessible to you).

2. Notify your instructor of the technological resource you would like to focus on for your report: Briefly describe the educational values of the technology. You need approval from your instructor before you start the report! You should complete your proposal online prior to our next face-to-face class (October 29).

3. Use the attached template to complete the research report. The template consists of two main sections; (1) *Description of Technology* and (2) *Applications in Lesson*. In the first section, *Description of Technology*, you will provide information regarding what the technology is and how to operate it. In the second section, *Applications in Lesson*, you will describe three mini-lesson activities that appropriately and effectively incorporate the technology into a curriculum. Refer to the specifics under each header of the template for help on what to include.

4. Develop a presentation providing an overview of the emerging technology you have researched. The presentation should include a brief description/demo of the technology, a description of how to access the technology, and a discussion of how the

technology can be used in the classroom. You will be expected to make this presentation to the class on November 12.

5. **Submit your report.** Submit your report to your instructor.

TECHNOLOGY RESEARCH REPORT

Name 1:

Name 2: (include if you worked with a partner)

Part 1: Description of Resource

Provide a detailed description of the hardware/software/web resource and how to use selected functions of that technology. Refer to instructions under each header for help on what to include.

GENERAL INFORMATION (Where can I get it?)

Name of Resource:

Author/Publisher/Company Information:

Website URL for Resource:

Pricing Information (Cost of Hardware/Software, Site License Info):

OVERVIEW (What is it?)

In a page or less, provide a description of the resource. The description should focus on the affordances of the resource from an educational perspective (e.g., why would a teacher be interested in using this resource?).

FEATURES/FUNCTIONS (What can it provide to teachers?)

In the table below, list at least three important features/functions of the resource. You do not need to provide an exhaustive list of the features (like you would get from a salesperson); instead, focus on those features that you believe are most important from an educational perspective. You may add additional rows to the table below should you wish to describe more than three features.

Technology:		
#	Feature/Function	Description/Purpose
1		
2		
3		

Part 2: Application in an Instructional Activity

Design and describe a learning activity that utilizes the technological resource. Refer to instructions under each header for help on what to include.

ACTIVITY DESCRIPTION

Activity Overview

Provide a short overview (2-3 sentences) of the activity: what it is, what learners are supposed to do, what they will learn as a result.

Target Audience

Describe the learners for whom the activity is designed. Provide detailed information of the target learners' characteristics (e.g. grade level, required prior knowledge, number of students, etc.).

Goals/Objectives of Activity

List the learner goals/objectives for the activity.

Supplies and Materials

List any other materials along with the technological resource needed to complete this activity.

Activity Description and Sequence

Provide a detailed (two to three paragraph) description of the activity, and how the selected technological resource is incorporated into the activity. Break down your activity into a timeline of planned events. Describe what students and the teacher will be doing during each event of the activity.

Assessment

Describe your assessment strategies. How will you determine whether the learners met the goals/objectives for this activity?