Module 4

Creating Learning Samples

This Notebook is used for the Intel Teach Essentials Online Course. Throughout the course you can record your thoughts online or on paper in this notebook. Using this printed notebook is a good option if you have limited Internet connectivity or you prefer to plan or take notes on paper.

Activity 1: Examining Student Samples

Note ideas you may want to use from the example student samples. Consider the following questions:

a. What 21st century skills does the student sample demonstrate?
b. How does the student sample help to answer the Curriculum-Framing Questions?
c. How does the chosen technology tool enable students to enhance their learning, increase productivity, and promote creativity?

Activity 2: Planning My Student Sample

Step 1: Reviewing Project Design

Consider a project scenario in which your students take on real-world roles. Record your thoughts on the following questions:

- What real-world connections are possible for your unit?
- What scenarios might help your students make those real-world connections?
- What roles might your students play?
- What tasks might they complete as they carry out those roles?

Step 2: Connecting My Student Sample to Questions, Objectives and 21st Century Skills

Take notes on what learning you want your students to show in their student product or performance. Consider the concepts, skills, knowledge and 21st century skills you want your students to demonstrate. Record ideas on the Curriculum-Framing Questions that will be incorporated into the student sample. Also, consider ways you can use math in your unit to improve students' thinking skills.

Step 3: Choosing the Best Tool for the Job

In the Your Ideas section of the following table, brainstorm possible ideas for using technology tools for your student sample.

Strengths/Purpose of Tool	Possible Student Use/Purpose
Presentation	
An aid to oral presentations to an audience; use of short sentences or incomplete sentences; various multimedia elements, such as images, sound, video, hyperlinks to Web sites or other files, and so forth	• Present research, proposal, or findings to an authentic audience outside of the classroom • Create a portfolio of student work • Create a digital picture story book • Show the results of surveys and questionnaires • Present science fair projects • Present nonlinear projects • Provide an information kiosk without a presenter
Your Ideas:	
Publication (newsletter, newspaper, or brochure)	
Text-oriented, full sentences, usually meant to be read by one person at a time; combination of text and images; possibly charts and graphs	• Create a newsletter for a community organization, school club, or fictional organization • Create a fictional newsletter for a historical group • Create a fictional newspaper for a particular period in time • Prepare a guidebook or travel brochure • Create an informational or persuasive brochure
Your Ideas:	

Publication (poster)	
Limited text, few sentences; images important to support and reinforce meaning; "published" for mass communication; suitable for younger students with limited writing skills	• Create flyers or other announcements for a nonprofit group, school, community event, or service project • Design informational, persuasive, or instructional posters • Create an invitation or program for a special presentation, meeting, or concert • Create a menu with appropriate period-specific or culture-specific foods
Your Ideas:	

Web-based Resource: Wiki	
Web-based, text-oriented with possible hyperlinks and images; subpages and categories possible; editing history available; publication of current information or research for an audience beyond the classroom; communication with a worldwide audience; collaborative writing with other students and/or experts; contribution to real world research and problem solving; sharing or reflection of learning or process	• Create student portfolios • Provide a graphic organizer for research • Provide a space for collaborative understanding of readings, experiments, music, art, and so on • Provide a space for collaborative writing (plays, stories, or articles) • Organize and collect links to student blogs • Showcase opinion pieces • Organize and present information for science fair projects
Your Ideas:	

Web-based Resource: Blog	
Web-based, text oriented with possible hyperlinks and images; journal-like format, date-stamped entries with current information on top; responses from readers; publication of current information or research for an audience beyond the classroom; gathering and sharing information with others outside the classroom; sharing or reflection of learning or process	• Reflect on reading or classroom discussions • Investigate topics online and then report on research • Record group progress on a project • Talk about shared classroom experiences • Copy and paste thought-provoking quotes from other blogs or other web resources, and then offer thoughts on the topic • Ask professional writers to review the blogs and provide feedback (Jackson, 2005)
Your Ideas:	