

Using Technology for the Science Assessments – Secondary
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The Objective	Title of Activity	Description of Activity	Resources/ Readings	Standards	Time
Introduction	Icebreaker	Introduce yourself to the class			.25 hours
To discuss science	Got Science?	Tell everyone what your favorite part about teaching science is and the most challenging part! Then, respond to one other person.			.25 hours
How to use the Internet/ MarcoPolo portal to find lessons/resources to use in the science classroom	Searching MarcoPolo	Go to the Tour and view MarcoPolo and Science Net Links to learn what it is all about. Then, we are going to learn how to search for a lesson. You will then be taken through step-by-step to find a science lesson. Then, answer focus questions about that lesson.	http://www.sciencenetlinks.com/lessons.cfm?DocID=165 http://marcopolo.worldcom.com/ http://www.nyiteez.org/MarcoPoloNY/	MST 4	2 hours
Look at and create Constructed Response Questions	CRQing	Use the web sites provided to look at examples of the CRQs. Then, take the primary documents from one of the examples and create another task (question, set of questions) that you can use in your class. Post the document and your question	http://www.emsc.nysegov/ciai/assess.html http://regentsprep.org/ http://accelerateu.org/standards/index.cfm	MST 4, 7	1.5 hours
Add to each other's CRQ	CRQing-Part II	Choose one participant's CRQ and add a question!			.5 hours
Find documents to use for CRQs	Let's Find 'em!	One of the hardest parts about creating a CRQ is finding an appropriate primary source document. We are going to search for primary source documents. Find 5 primary source documents you can use in your classroom and	http://marcopolo.worldcom.com/ http://www.sciencenetlinks.com/ http://www.earth.nasa.gov/	MST 4, 7	1.5 hours

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		briefly state how.	gov/ http://biology-online.org/ http://dbhs.wvusd.k12.ca.us/ChemTeamIndex.html http://www.glenbrook.k12.il.us/gbssci/phys/p_hys.html		
How to create/emulate Constructed Response Questions using the Internet as a tool	Let's Create!	We are now going to use one of those sites as a basis for a CRQ. Find a lesson in MarcoPolo and a primary source document to use as a basis for a CRQ. Then, create a CRQ that will complement the lesson you have found. Post the lesson, the primary source document, and your CRQ that goes with the document.	http://marcopolo.worldcom.com/ http://www.nyiteez.org/MarcoPoloNY/	MST 4, 7	1.5 hours
Respond	Let's Create!-Part II	Comment on one other participant's activity using focus questions provided.			.25 hours
How to use technology in the science classroom	Integrating Technology	View the PowerPoint and choose one of the pieces of software. Briefly describe why this software would be useful in the classroom. Then, decide upon a lesson/activity that you can create using the software as well as the	http://marcopolo.worldcom.com/ http://www.nyiteez.org/MarcoPoloNY/ PowerPoint	MST 4, 7	2 hours

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		Internet/MarcoPolo resources. Be specific with the web sites you are going to use.			
Create a lesson and the unit it relates to	Final Project	Looking at the resources from the past few weeks, create a lesson/project using documents you have found through MarcoPolo and the Internet, utilizing technology, and emulating the CRQs. Also, outline the unit that goes along with the lesson/project.	http://marcopolo.world.com.com/ http://www.nyiteez.org/MarcoPoloNY/	MST 4, 7	2 hours
Align your lesson and unit to the standards	Standardizing	Align your lesson and unit to the standards down to the performance indicators.	http://accelerateu.org/standards/index.cfm?&page=Explore	MST 4, 7	.25 hours
Respond	Final Project-Part II	Using focus questions, comment on one other participant's project.			.25 hours
Rubrics/ assessment	Rubicize!	Create a rubric for your lesson/project.	http://teachers.teach-nology.com/web_tools/rubrics/ http://www.odyssey.on.ca/~elaine.coxon/rubrics.htm http://rubistar.4teachers.org		.5 hours
Evaluation	Evaluate!	Fill out evaluation form			.25 hours

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Logging In and Reading Responses					2 hours throughout course
			Total:		15 hours

Check Rubric for Assessment of the above!