

Web 2.0 Tools for the Elementary Classroom (and for Differentiated Instruction)

Differentiation

"Differentiation means tailoring instruction to meet **individual needs**. Whether teachers differentiate **content, process, products**, or the **learning environment**, the use of ongoing **assessment** and **flexible grouping** makes this a successful approach to instruction."

- Carol Ann Tomlinson

Simply Put

- Response to learner individual needs
- Recognition of students' varying background knowledge/preferences
- Instruction that appeals to students' differences (Personal Learning Environments)

Leaves us a lot to consider:

- Skill levels and rates
- Learning difficulties
- Language proficiency
- Background experiences and knowledge
- Interests
- Motivation
- Social/emotional development
- Various intelligences

Other Considerations:
Learning Styles and Multiple Intelligence

Kinesthetic	Visual
model	diagram
act out	illustrate
produce	draw
transform	create

read	listen
discuss	debate
argue	converse

podcast	soundtrack
commercial	chant
podcast	radio
podcast	podcast

Teachers Differentiate

Content

Process

Product

According to Students'

Readiness

Interest

Learning Profile

**Do teachers
need to be
more than
human?**

web access
building a
new paradigm
Flexible groups
Formal and Informal
assessments
skill sets for
the 21st C
Master Communicator
return home
creative & publishing
Classroom Management
Information management
a thinking pedagogy
Pre/post assessments
learning environments



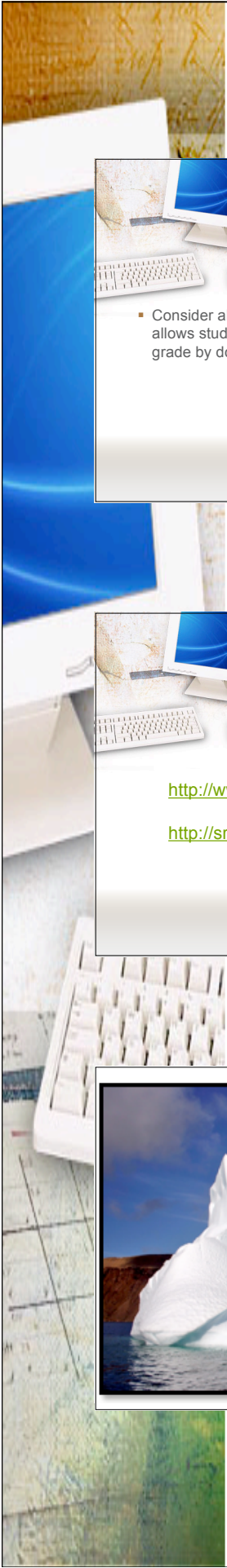
Value of Technology for Student Learning


- Provides access to a huge amount of information including original research and primary sources (Content)
- Challenges students' research, critical thinking, and problem solving skills (Process)
- Provides opportunities for greater pride and ownership in work (Product)
- Supports multiple cognitive styles and learning behaviors (Readiness, Learning profiles)
- Replicates real work tasks (Interest)

Where do I start?

Plan to Integrate Web2.0 Tools

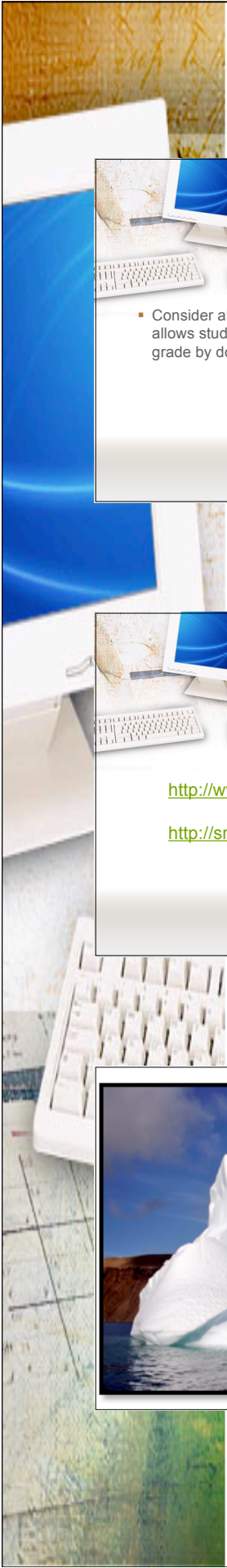
- Start with your project or lesson objectives, goals and desired outcomes.
- What do you want to share or have students share and learn?
- Establish guidelines and rubrics for your projects.
- Find the right tools to integrate - For Content? Process? Product?
- Set up and test Web2.0 resources and accounts ahead of time.
- Explain and model expectations for tools being integrated.
- Allow for student choices.






Strategies for Providing Choice

- Consider allowing for a point system for options which allows students an opportunity to get a satisfactory grade by doing more, although simpler, projects.

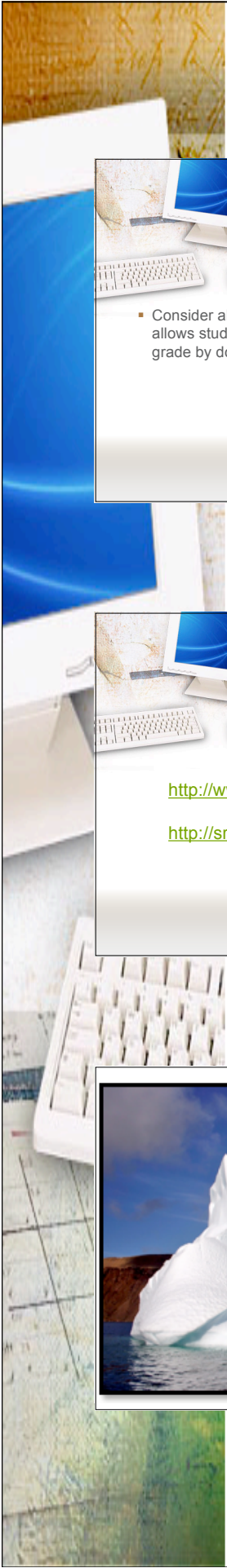





So...Where can I go for ideas? What tools are out there to help?

<http://www.tizmos.com/LibbyE>

<http://sra-e.wikispaces.com/>





Just the tip
of the iceberg!!
