Strategies for Integrating Technology into Every Class

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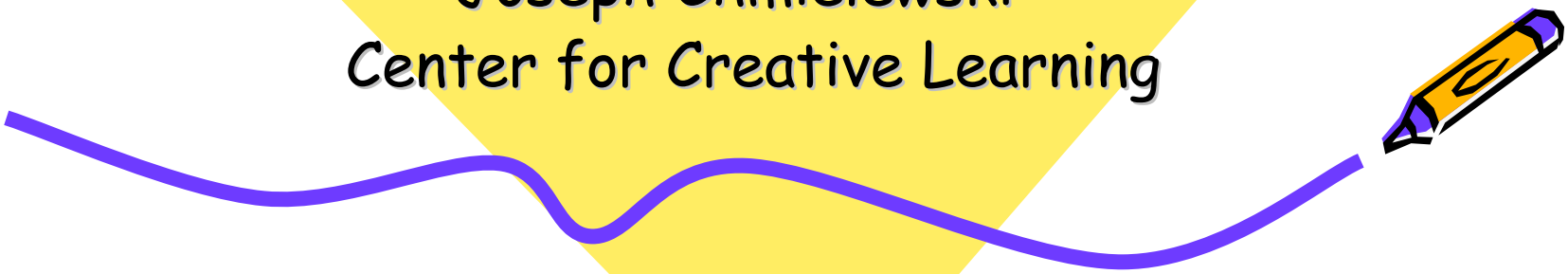
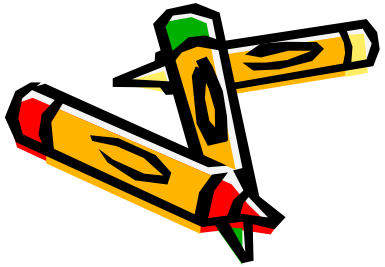


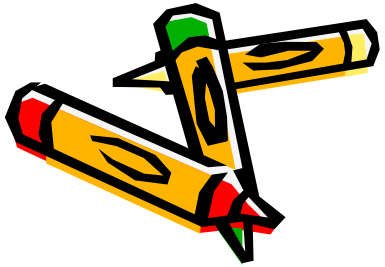
Introduction

- Teachers will integrate technology
  - Once the technology is easier
  - When not using it is harder
  - When someone measures their use of it
  - When it is clear that students learn more from it
  - When high-stakes tests test it



Presentation Components

- Theory
- Handouts
- Tutorials
- Samples
- Templates

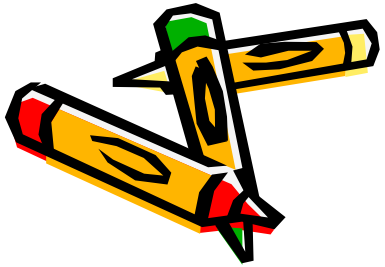


CD Handout Rationale

Plans	How-tos	Templates
Reproducible Modules	Tutorials	Generic Forms
Software	Assessments	Resources

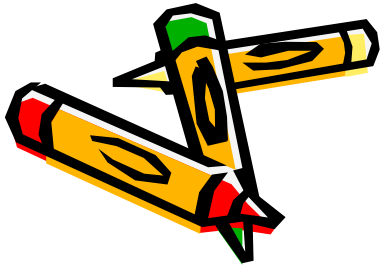
To Integrate Technology

- Teacher Facilitates
  - Engaged Learners
  - Real World Tasks
  - Interactive Projects
  - Collaborative Work
  - Exploration and creation of knowledge



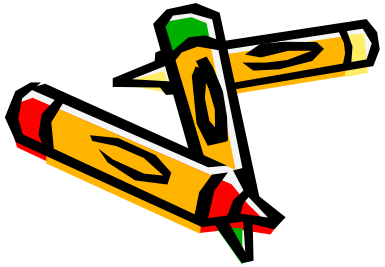
Learners Using Technology are..

- Energized
- Motivated
- "A-buzz" with Activity and Excitement
- Responsible for their own learning
- Collaborating with Others

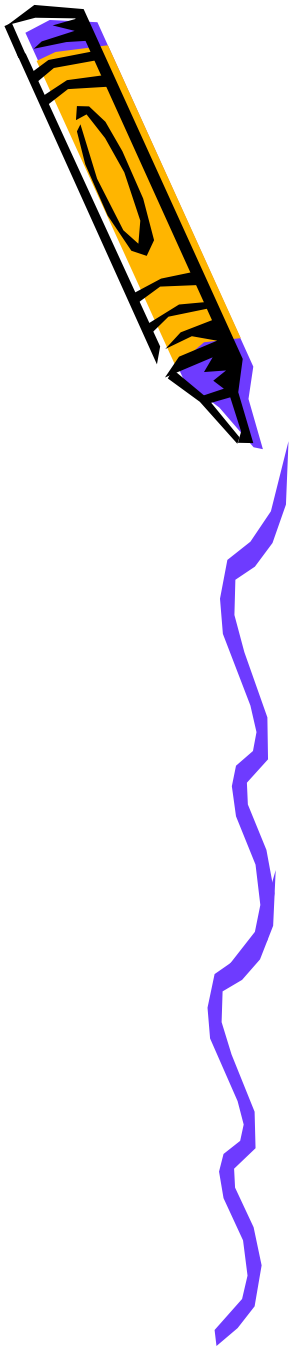


Relevant Learning

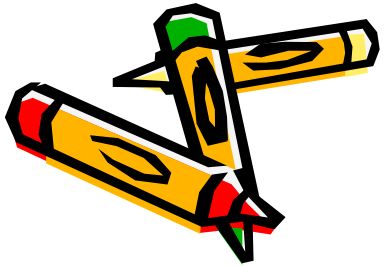
- Critical Thinking
- Problem Solving
- Adapting to Changing Information
- Constructing Knowledge
- Communicating with the World
- Using multiple intelligences



Integrating Technology into Every Class

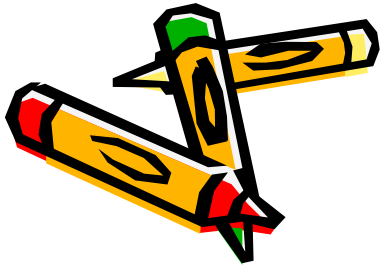


- Plan for the year
- Identify objectives
- Match technology to objectives
- Target small steps
- Employ reusable modules
- Identify rubrics and assessments

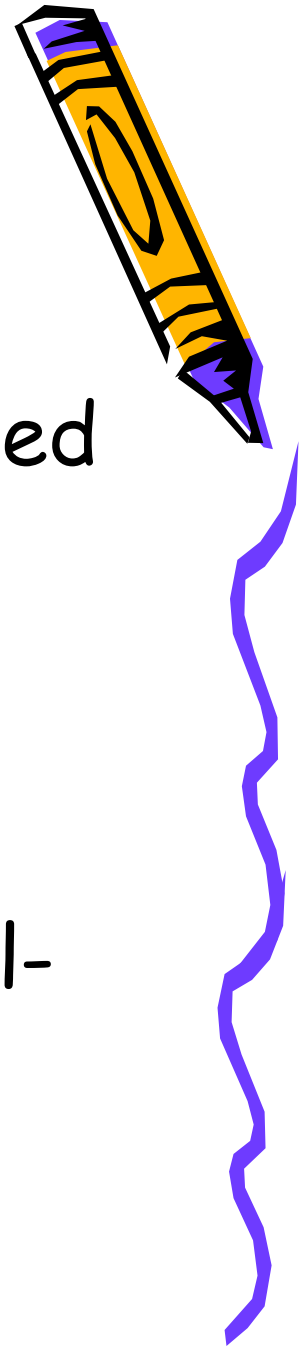


To Integrate Technology

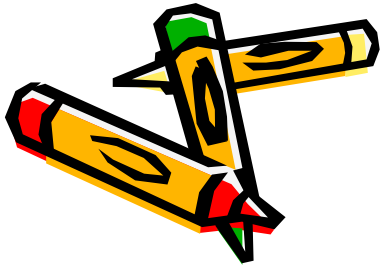
- Not every student..
  - Has to do the same thing at the same time
  - Has to do the same thing, all by themselves
  - Has to do everything, all by themselves



To Integrate Technology, it is O.K. for..

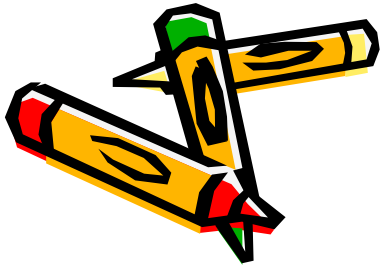


- One or more students to be assigned part of the job.
- Students to work in groups
- For tasks to be developed as projects
- For tasks to be conducted like real-life jobs



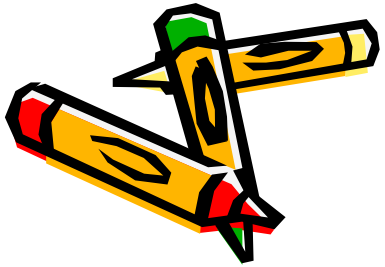
Low Tech vs. High Tech

- Low Tech
  - Labs
  - ILS
  - Media Centers
  - Drill
  - Electronic Page Turners
- High Tech
  - E-Mail
  - Projects & Presentations
  - Books and Newsletters
  - Creating Learning Materials & Graphics
  - Writing Test Questions



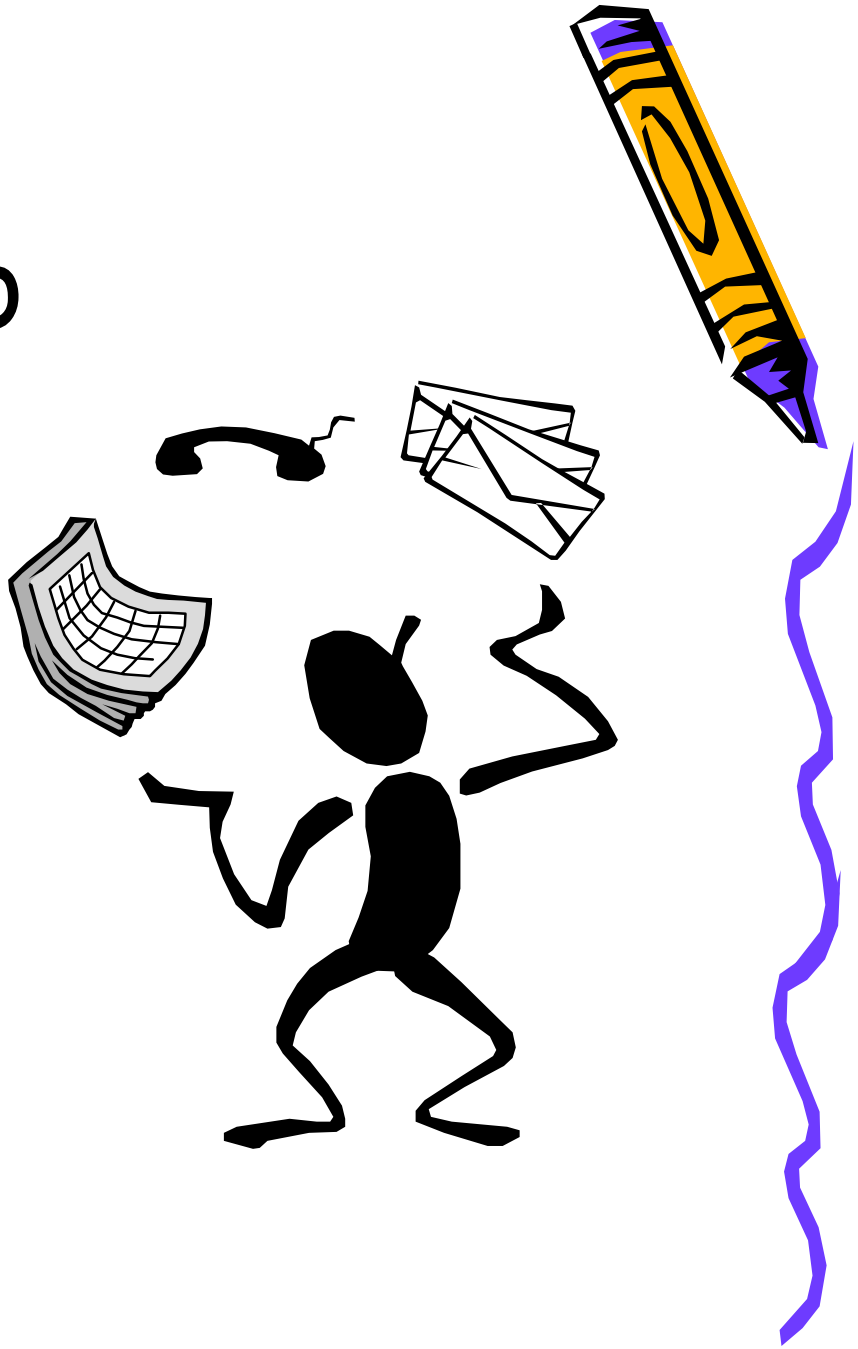
Models

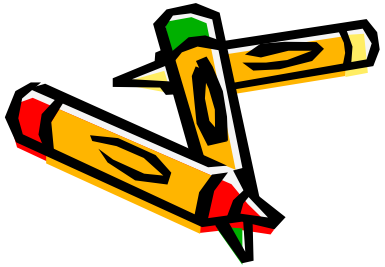
- Hands On Models
- Projects
- Thematic Units
- Visual Communication



How-To

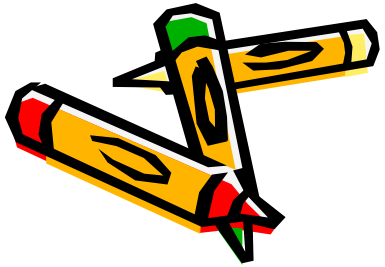
- Develop a Thematic Unit
- Present an Idea
- Use Templates
- Use Generic Forms
- Create Materials





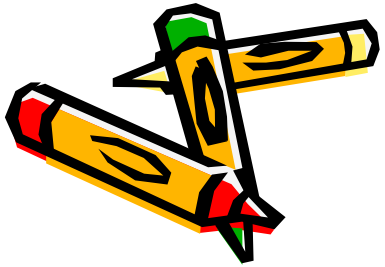
Schedules and Lesson Plans

- Sample Lesson Plan
- Example of Learning Center Assignments



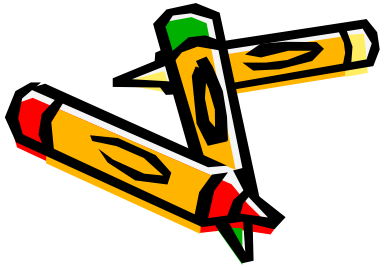
Students Assessments

- Report Scoring Rubric
- Presentation Scoring Rubric
- Project Scoring Rubric
- Portfolio Conference Notes



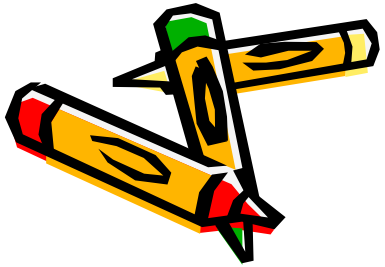
Project Assessments

- Classroom Technology Projects
- Project Plan Evaluations
- Control Elements- What is likely to go wrong?
- Multimedia Project Checklist
- Materials and Activities Evaluation



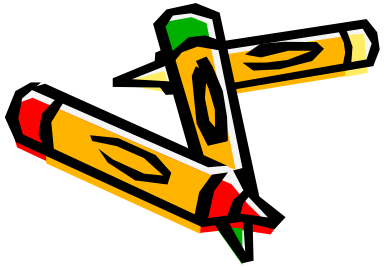
Templates

- Difference Between Templates
  - These are filled out by the teacher
- and Generic Forms
  - These are filled out by students



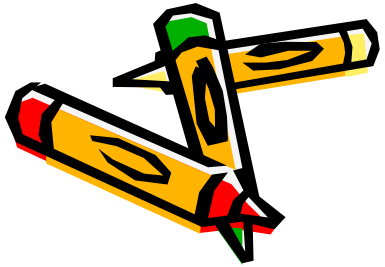
Templates

- Generic Reading Test Format
- Reading Think-Along Assessment
- Flexible Writing Worksheet
- DOL Template
- Current Events Worksheet
- Portfolio Conference Graphs

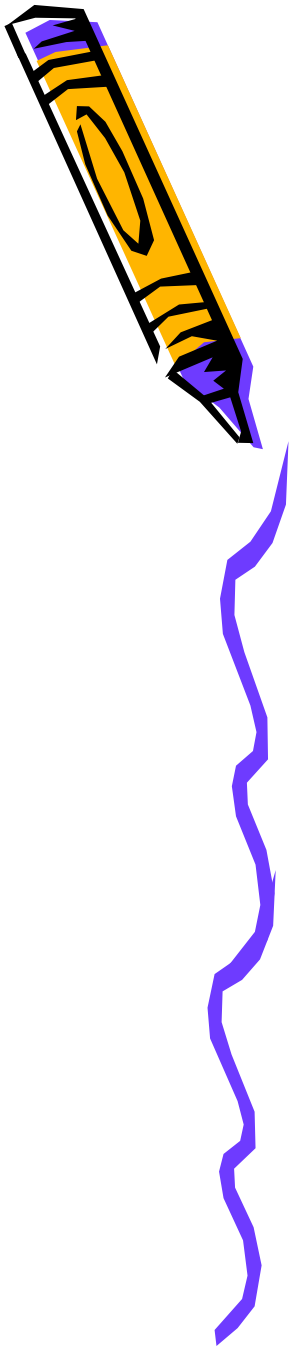


Generic Forms

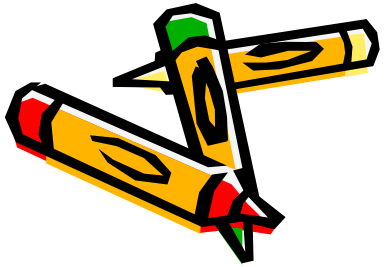
- Graphic Organizers
- Student Fill Outs
- Spelling Tests



Generic Forms - How to Use



- Internet Material
- Storyboard for Presentations and Multimedia
- Writing Math Questions
- Brainstorming



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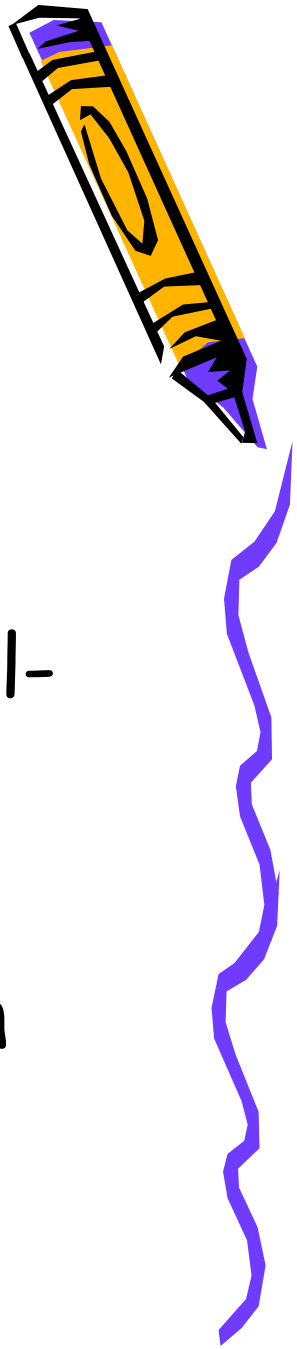
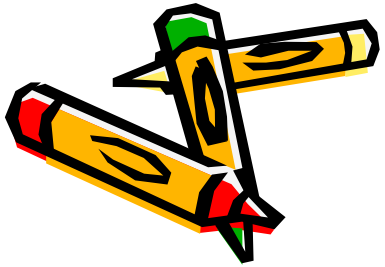
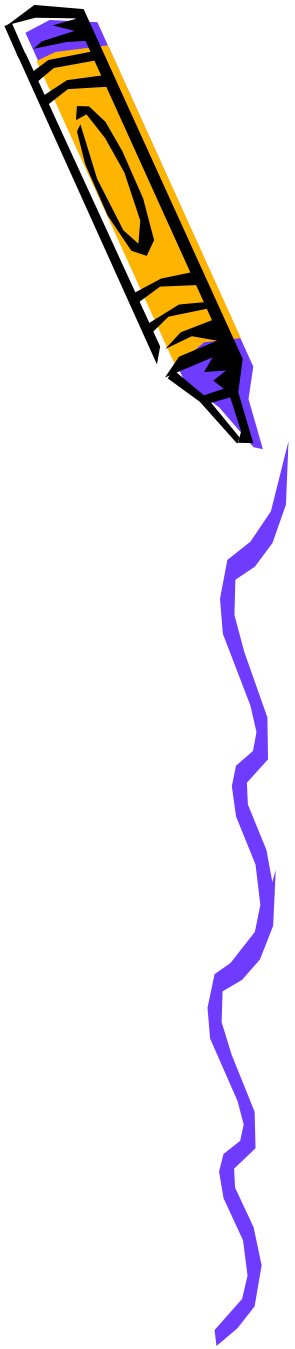


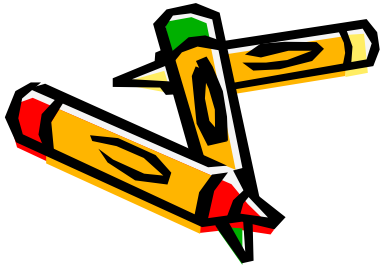
- Assigning and Scoring Cooperative Tasks
- Assigning Jobs for Projects in Real-World Simulations
- Journal Pages
- Research/ Reference Information



Demonstrations

- Converting Internet Material into Usable Materials with Macros





Thank You

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