

## Organizational & Collaboration Tools

for 21st century learners and educators

## Multiple Intelligences

- Verbal - Linguistic
- Logical - Mathematical
- Spatial
- Musical
- Bodily - Kinesthetic
- Interpersonal
- Intrapersonal
- Naturalist

Howard Gardner, 1983



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## What is Technology?

- ✓ Practical Application of Knowledge



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## Organizational Tools

- Facilitate learning through:
  - ✓ Grouping
  - ✓ Analyzing
  - ✓ Modeling
  - ✓ Simplifying



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## What skills for 21 century?

- Work in groups
  - ✓ use CoverItLive chat tool
- Post ideas
- Visit ISTE NETS website
  - ✓ <http://tinyurl.com/2jga2m>
- Revise/discuss the ideas



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## Skills in the digital age



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## Organizing Information

- 
- ```

graph TD
    A([Where to Stay]) --> B([City])
    A --> C([Location])
    A --> D([Availability])
    B --> E([city])
    B --> F([city])
    C --> G([all rooms])
    C --> H([all rooms])
    D --> I([flat])
    D --> J([Apartment])
  
```

I. Cost  
A.  $\leq \$80$

- B. >\$80

- ## II. Location

- B. >2 mile

- ### III. Availability
- #### A. Full

- ### B. Available

The screenshot shows an Excel spreadsheet with the following data:

|         | Test 1    | Test 2 | Test 3 | Exam | Total |
|---------|-----------|--------|--------|------|-------|
| First   | Last      | 10     | 10     | 100  | 130   |
| Joe     | Explosive | 9      | 10     | 8    | 99    |
| Marie   | Explosive | 9      | 7      | 90   | 114   |
| Carl    | Explosive | 9      | 15     | 96   | 115   |
| Charles | Explosive | 10     | 8      | 95   | 101   |
| Jenny   | Explosive | 8      | 6      | 7    | 80    |
| Theresa | Explosive | 9      | 9      | 10   | 97    |
| Bob     | Explosive | 9      | 6      | 9    | 90    |
| Average |           | 9.2    | 9.3    | 9.3  | 90.9  |

- Enhance instruction with the power of visual learning
- Help to think, brainstorm, organize, analyze and write.
- Address variety of learning styles
  - ✓ Outline vs. Diagram



- ## Examples!



A black and white photograph of three young women sitting at a desk, looking at a laptop. The woman on the left is smiling, the woman in the middle is looking intently at the screen, and the woman on the right is also smiling. The laptop is open in front of them, and the background shows a window with blinds.

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## Webspiration

- [www.mywebspiration.com](http://www.mywebspiration.com)
- Online visual thinking tool



## Social Bookmarking

- Delicious
- storing, sharing, & discovering web bookmarks
- Power of Community



## Wiki

- Collaborative online database
  - ✓ Wikipedia
- Examples
  - UNI Literacy Education virtual community  
<http://liteduni.wikispaces.com/>
  - Follow up to Did You Know presentation  
<http://shifthappens.wikispaces.com/>



## Google Docs

- <http://docs.google.com>
- Free, web-based
- Docs, spreadsheets, & slide shows
- Share and collaborate online.
- Collect data - Forms  
<http://tinyurl.com/curvez>



## Social Networking

- focuses on building online communities who share interests and/or activities.
- Ning.com - online platform for people to create their own social networks
- Facebook for ET&D
  - ✓ [tinyurl.com/face-etd](http://tinyurl.com/face-etd)



## Future Assignments

- Reflections
- Portfolio
- Blog



## Standards & Reflections

- Review
  - ✓ INTASC+1 Standards
- Follow Reflection Guideline

Reflections are required with the following projects:

| Ed Tech & Design Project    | Related Standard Number  |
|-----------------------------|--------------------------|
| Inspiration or Kidspiration | Standard 6               |
| WebQuest                    | Standards 1, 3, 6 and 11 |
| Spreadsheet (Learning Tool) | Standards 4 and 11       |
| Video                       | Standard 6               |
| Blog                        | Standard 9               |

## Digital Portfolio

- Electronic representation of you and your academic work.
- Includes:
  - ✓ Personal introduction/ philosophy
  - ✓ Artifacts
  - ✓ Reflections
  - ✓ Standard Alignment



## Professional Portfolio Parts

- Introduction Page
- Artifact Matrix
- Artifact Pages
- Standards Overview
- Standards Pages



## Blog

- 4 posts reflecting upon 4 major projects you create during this semester
  - ✓ Guided by the 5th reflection prompt
- 3 other posts: interesting issues related to technology in education
  - ✓ Inspired by lectures, RWLDs or other