

Improving Learning for All Students

Apple Technology for Diverse Learners



Hampshire Regional School District
Professional Development

Improving Learning for All Students

Today's Agenda

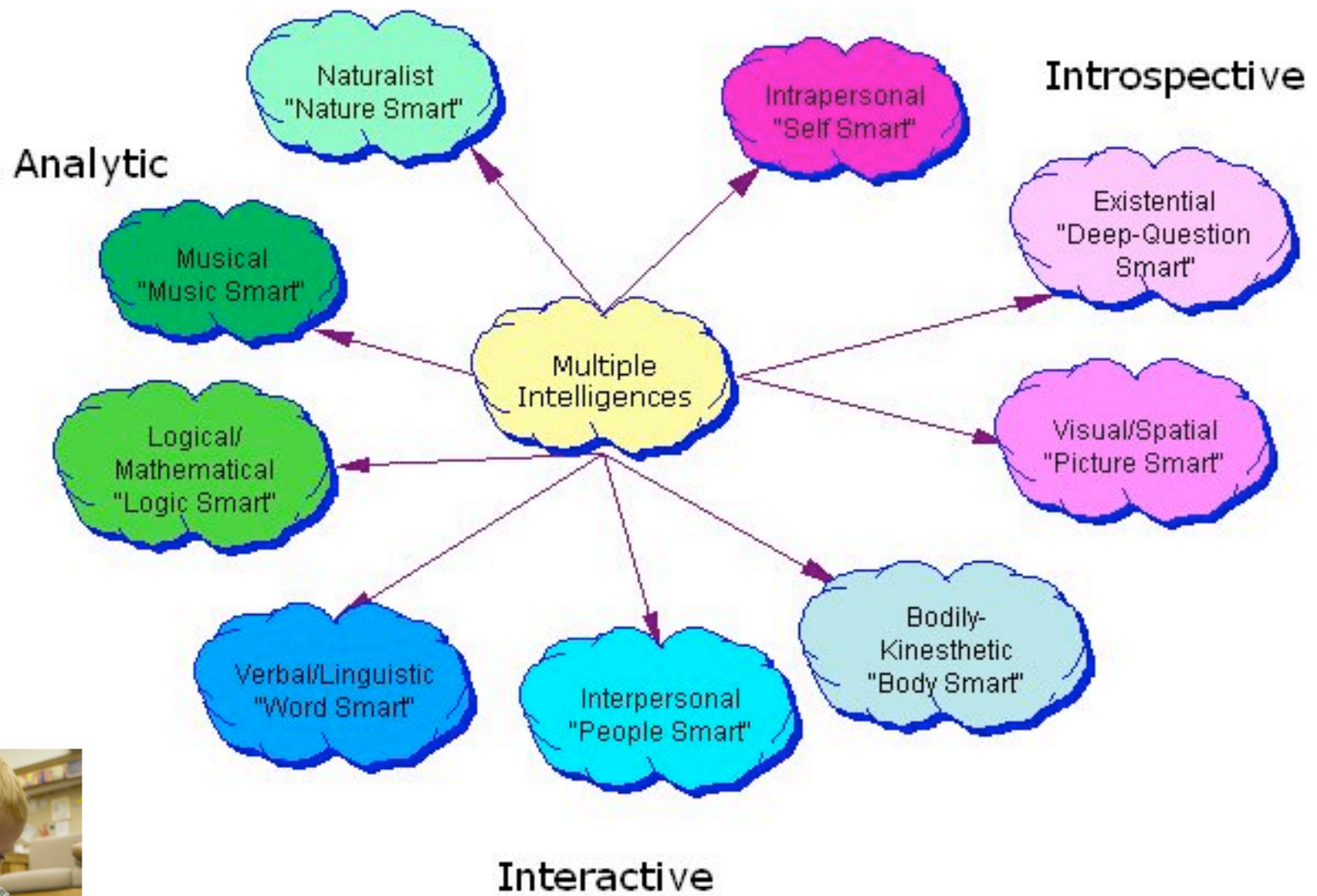
1:00 – 1:05 Overview

1:05 – 1:20 Group Activity

1:20 – 2:00 Hands on Workshop Session 1

2:00 – 2:40 Hands on Workshop Session 2
(repeat topics)

2:40 – 3:00 Share & Evaluation Survey





We want to value different learning styles and help students with difficulties in specific areas.

Today's Objective:

By the end of the day, identify at least one thing you can take with you into the classroom. This can be an idea to explore, an activity to plan, something to share with a colleague, etc.

Hands on Sessions

Customizing Settings for Specific Learning Needs

Learners with specific needs can use technologies included in the Mac to address their particular learning challenges.

Supporting Visual Learning with iPhoto

With a digital camera and iPhoto, you and students can capture, in a concrete visual way, many of the aspects of learning that are traditionally print-oriented. This can aid many students, including those who are struggling readers, those developing English skills, and especially students who are strong in expressing themselves visually.

**Take a moment to think about the learning styles
of your students.**

Group Activity

Split into groups (look at your letter assignment and move to table)

Quick introductions: Name, school, grade level and your role in the classroom.

Record Discussion: Record the answers to the following questions on the paper provided:

- ✓ How have you used technology in the classroom?
- ✓ What type of technology do you want to learn more about?

Customizing Settings for Specific Learning Needs

Struggling learners who have specific needs can use Macintosh built in features to address their particular learning challenges.

- Visual
- Auditory
- Physical – OT
- Learning
- Behavior/Attention

There are many more tools available.

Visual

- Large Letter Keyboards
- Screen resolution – System Preferences -> Displays
- Zoom – System Preferences -> Universal Access -> Seeing
- Display - System Preferences -> Universal Access -> Seeing
- Distance from screen
- Cursor Size - System Preferences -> Universal Access -> Mouse and Trackpad
- Font size

Auditory

- Adjust Volume (Keys, Menu Bar, System Preferences -> Sound -> Output)
- Flash - System Preferences -> Universal Access -> Hearing
- Headphones

Physical

- Attached mouse
- One button mouse
- Wire up
- Mouse grip
- Detached keyboard
- Slow Keys - System Preferences -> Universal Access -> Keyboard
- Click Key Sounds - System Preferences -> Universal Access -> Keyboard
- Mouse settings – System Preferences -> Mouse

Learning

- May be different in different applications
- Spell Check - Control/right click on selected text or Services
- Dictionary - Control/right click on selected text or Services
- Thesaurus - Services
- Notes - Services
- Text to Speech
 - System Preferences -> Speech -> Text to Speech
 - Avoid novelty voices
 - Can also access through Services
- F12 – Calculator, Dictionary, Thesaurus, Translator, Calendar, Clock

Behavior/Attention

- Computer placement
- Seating
- Headphones
- Alternative computer based work -
<http://www.burgyschools.org/links.html>

Step-by-Step Instructions

- Apple Technology for Diverse Learners
- <http://www.burgyschools.org/links.html>
under General

Hands on Sessions

Supporting Visual Learning with iPhoto

With a digital camera and iPhoto, you and students can capture in a concrete visual way many of the aspects of learning that are traditionally print-oriented. This can aid many students, including those who are struggling readers, those developing English skills, and especially students who are strong in expressing themselves visually. Examples of such projects produced with iPhoto include:

Flash cards: To combine text and photos for students to study vocabulary, math facts, and other information.

Student reports: To illustrated with images from iPhoto albums.

A teacher-created photo book: Create math problem of the week that includes pictures.

Teacher-created slideshows: To present lab instructions with images.