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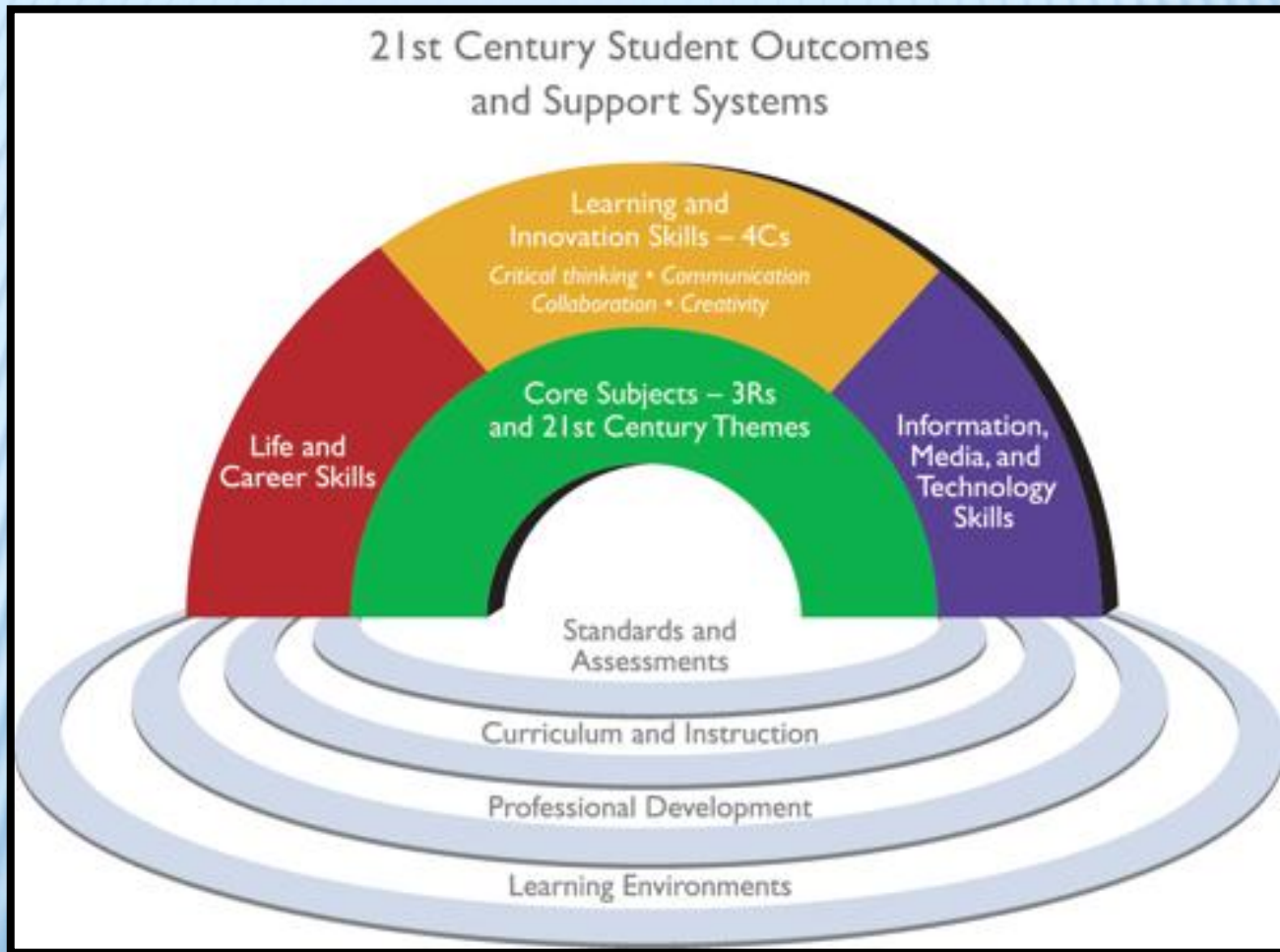
MISSION TO SUCCESS

INTEGRATING TECHNOLOGY TOOLS INTO THE HEALTH SCIENCES CLASSROOM

OBJECTIVES

- ✘ Following the presentation, attendees will be able to evaluate resources that can be used to enhance instruction in the health sciences curriculum.
- ✘ Following the presentation, attendees will be able to identify and implement technology that works in a 21st century health sciences classroom.

21ST CENTURY SKILLS



THE INSTRUCTIONAL DIVIDE



Student-centered instruction

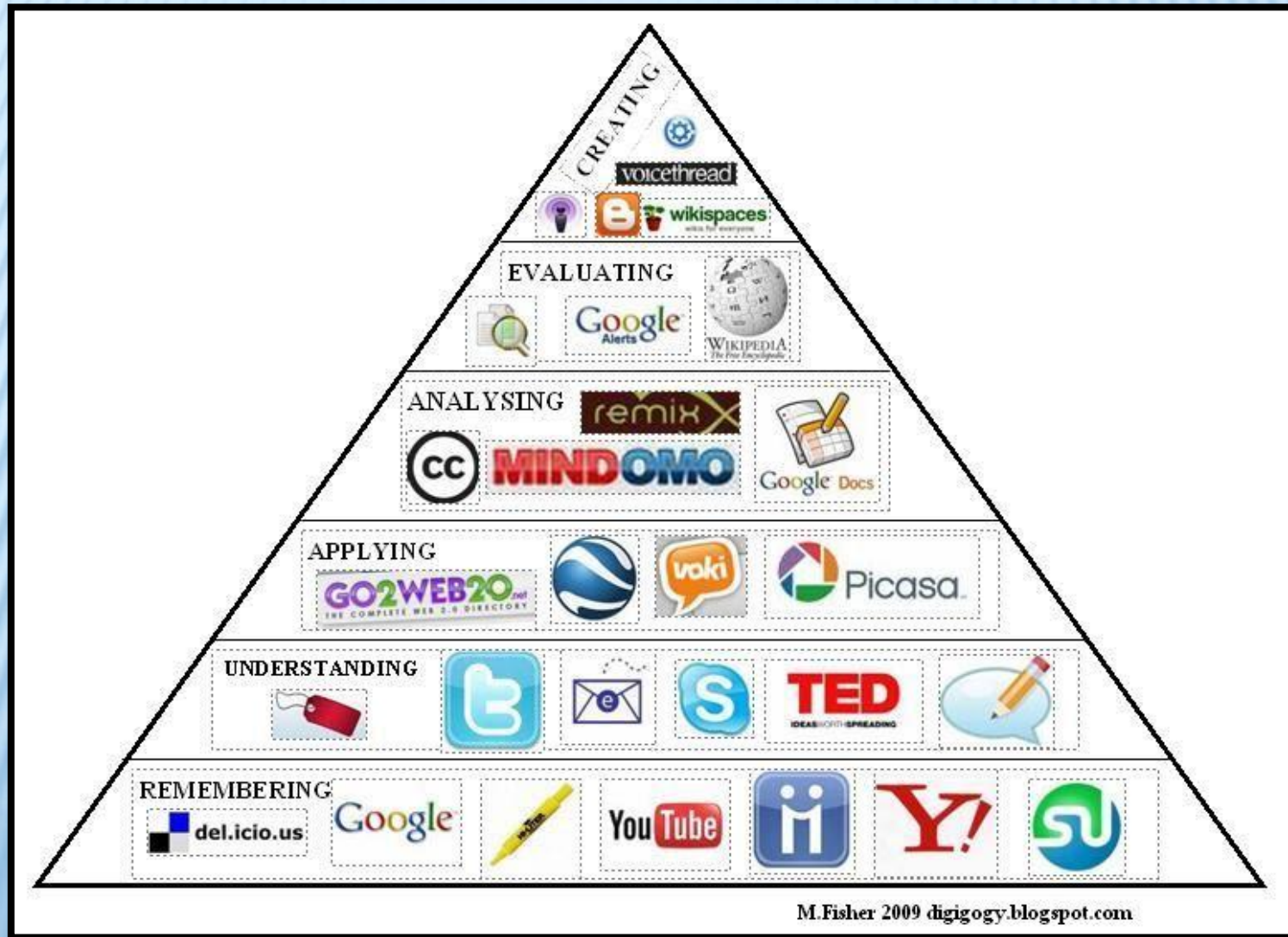
- Challenge-based learning
- Peer Learning



Teacher-centered Instruction

- Lectures
- Drill and practice

EVALUATING INSTRUCTIONAL TECHNOLOGY



POWER TOOLS FOR EDUCATORS

Productivity

- ePortfolios
- Graphics
- Office
- Presentations

Interactivity

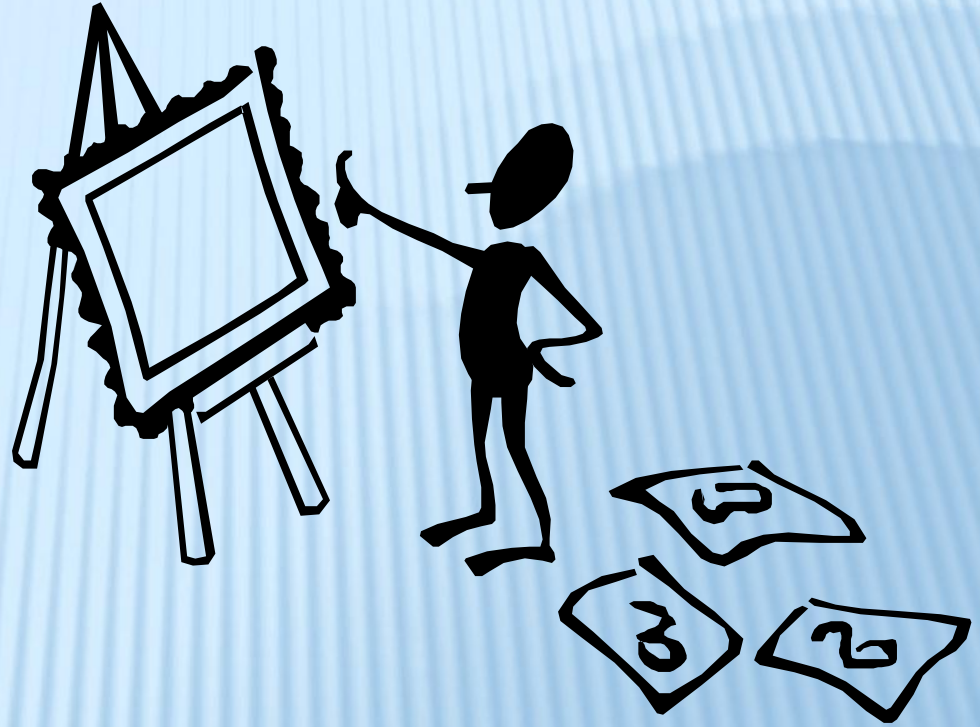
- Flashcards
- Podcasting
- Screencasts
- Wikis

Collaboration

- Annotation
- Bibliographies
- Polls

PRODUCTIVITY

- ✖ Dropbox
- ✖ Evernote
- ✖ glideOS
- ✖ PhotoStory
- ✖ ThinkFree Online
- ✖ Wetpaint



DYK: Universities and K-12 districts are converting to open-source office suites as a cost saving measure.

INTEGRATION IDEAS

✖ Dropbox

- + Online file storage
- + Document sharing with groups

✖ Examples:

- + Student submissions
- + Classroom resources
- + Group assignments



Dropbox

INTEGRATION IDEAS

- ✘ Microsoft PhotoStory 3
 - + Bring digital photos to life
 - + Creates movies for all formats
- ✘ Examples:
 - + Bodily system
 - + Blood-borne pathogens
 - + Human growth and development



INTERACTIVITY

- ✖ Calendar/Notes/ToDo
 - + Evernote
 - + Google Calendar
 - + mySchoolog
 - + Remember the Milk
 - + Zotero
- ✖ Podcasting
 - + ipadio – phlogging
 - + PhOneCasting
- ✖ PollEverywhere



Podcasting: A series of digital media files that are released episodically and typically syndicated through the web.

INTEGRATION IDEAS

- ✖ Google Calendar
 - + Online calendar
 - + Calendar sharing
- ✖ Examples:
 - + Classroom calendar
 - + Group project scheduling
 - + Parent communication
 - + Email/SMS event reminders



INTEGRATION IDEAS

✖ ipadio

- + Podcasting or phlogging
- + Syndicated audio published by phone or computer

✖ Examples:

- + HOSA group meetings
- + Interviews
- + Lectures



INTEGRATION IDEAS

✖ PollEverywhere

- + Polling system
- + Classroom response system
- + Embeds into PowerPoint

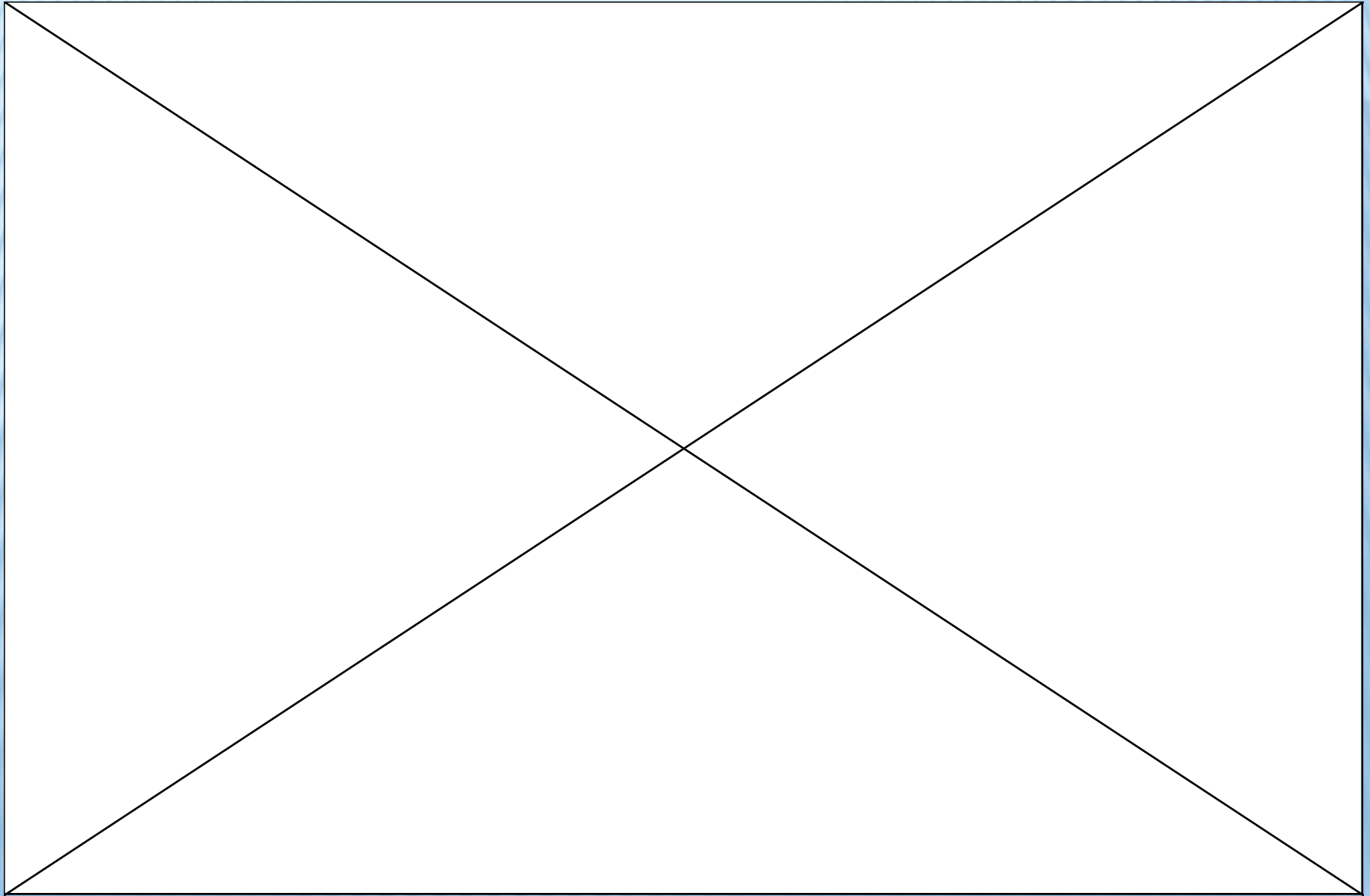
✖ Examples:

- + “Bell ringers”
- + “Mini” formative assessments
- + Classroom attendance



Poll Everywhere

SAMPLE POLL



COLLABORATION

- ✖ Diigo
- ✖ DimDim
- ✖ Google Docs
- ✖ PBWorks
- ✖ Skype
- ✖ Storybird



INTEGRATION IDEAS

✖ Diigo

- + Social Bookmarking and Annotations
- + Share bookmarks and page notes

✖ Examples:

- + Classroom resources
- + Research prompts
- + WebQuests



INTEGRATION IDEAS

- ✖ Google Docs

- + Online Office Collaboration Suite
- + Office applications

- ✖ Examples:

- + Group assignments
- + Online surveys for mini-research projects
- + Peer review of projects



INTEGRATION IDEAS

- ✖ Skype

- + Internet and phone calls
- + Videoconferencing

- ✖ Examples:

- + Community partner connections
- + Homework hotline
- + Interviews

