

Thinking That Clicks! Developing “Habits of Mind” with Technology

Presenter: Catherine Douthard, Instructional Technology Specialist
<http://www.teachersclass.net/douthard/necc07>

The 16 Habits of Mind

“Activating and Engaging Habits of Mind” by Arthur L. Costa and Bena Kallick (ASCD, 2000).

1. Persisting
2. Managing impulsivity
3. Listening with understanding and empathy
4. Thinking flexibly
5. Thinking about thinking (metacognition)
6. Striving for accuracy
7. Questioning and posing problems
8. Applying past knowledge to new situations
9. Thinking /communicating with clarity and precision
10. Gathering data through all the senses
11. Creating, imagining, innovating
12. Responding with wonderment and awe
13. Taking responsible risks
14. Finding humor
15. Thinking independently
16. Remaining open to continuous thinking

Teacher Created Lessons:

- Multimedia Projects with MS Agent (<http://www.bellcraft.com/mash>)
- Interactive Quizzes with Hot Potatoes (<http://www.halfbakedsoftware.com>)
- Google Earth and Google Sketchup (<http://www.google.com/educators>)
- Student-Created DVD’s using PowerPoint, Photostory and Windows Movie Maker

Tools and Resources:

- Living with Science & ClassAct SRS (<http://www.ljgroup.com/products/program.asp?id=27>)
- Quandary (<http://www.halfbakedsoftware.com/quandary.php>)
- Website Design and ThinkQuest Competition (<http://www.thinkquest.org>)
- Technospuds by Jennifer Wagner (<http://www.technospudprojects.com>)
- Blogmeister by David Warlick (<http://classblogmeister.com/>)
- Gaggle.net (<http://www.gaggle.net>)
- EPALS Classroom Exchange (<http://www.epals.com/community/>)
- KOL Expeditions (<http://www.aolatschool.com/educators/kol-expeditions>)
- iEARN (<http://www.iearn.org>)
- The Global Schoolhouse (<http://www.globalschoolnet.org/GSH/index.html>)
- CIESE (<http://www.k12science.org/currichome.html>)
- Quest Network Blue Zones (<http://www.bluezones.com/pages/educators/expeditions/>)
- Eduweb Adventures (<http://www.eduweb.com/portfolio/adventure.php>)
- Microworlds (<http://www.lcsi.ca>)
- Resources for Student Assessment (ISBN 1-56484-220-7) (<http://www.iste.org/bookstore>)

Background Information:

- PBL Research (http://www.edutopia.org/php/article.php?id=Art_887&key=037)
- Habits of Mind (<http://www.habits-of-mind.net/home.htm>)
- Buck Institute of Education PBL (<http://www.bie.org/pbl/pblhandbook/intro.php>)
- Annette Lamb on PBL (<http://eduscapes.com/tap/topic43.htm>)
- In-Sites for Developing Habits of Mind (<http://members.tripod.com/~ozpk/insite5.html>)