

# Education and Information Technology

Melissa Koch

# What do I do?

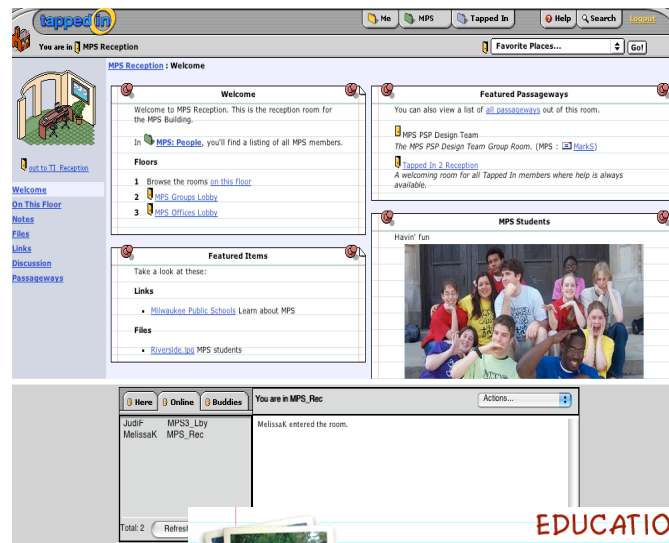
- I'm the Senior Educational Developer at the Center for Technology in Learning at SRI International
- I'm also the Director of Build IT
- I design and develop **new technologies** and **programs** that help people learn
- I collaborate with smart and fun people, including talking with teachers, program leaders, and youth like you.

# New Technologies

Small computers  
= Mobile Devices



Online Communities



## EDUCATION WORKBOOK

*The Galápagos . . . a perennial source of new things.*  
- Charles Darwin, letter to Joseph Hooker

Darwin's work in the late 19th century drew the world's attention to the living laboratory of the Galápagos Islands. Now, in the Education Workbook, you can join writers, photographers and scientists virtually as they explore this same chain of islands.

FIELD TEAM  
CLASSROOM  
CORRESPONDENTS  
CLASS PROJECTS  
PICTURE BOOK  
REFERENCE

The **Field Team**, which includes 12-year-old Tina, will share their discoveries through journals and photographs of the wildlife that they encounter. Pre-registered students become **Classroom Correspondents** as they investigate animals in their areas, share their findings, and make comparisons to the animals in the Galápagos.

In the **Reference** section, you will find resources to learn more about islands in general and an introduction to the Galápagos Islands, a glossary and resource materials. This workbook allows you to ask questions, share ideas and collaborate on **Class Projects** with the **Field Team** and other students. Younger (and older) students may want to look through the **Picture Book** for their favorite Galápagos Island animal.

As you travel through the Education Workbook, you can also easily view **Virtual Galápagos** by using the menu at the bottom of each page of the Education Workbook. If you want to return to the exact page in the Education Workbook from where you jumped to **Virtual Galápagos**, use the back button on your Web browser, or select **Education Workbook** to return to this page.

To participate in the discussions and the **Class Projects**, you'll need to have pre-registered in **Classroom Correspondents**. When you want to submit your research or join a discussion, you'll be prompted for your user name and password.

Even if you have not pre-registered, you can still view the entire Education Workbook and enjoy learning from the students and the **Field Team**. You may want to consider joining future TerraQuest adventures for students; keep <http://www.terraquest.com> in your bookmarks for more information.



# New Programs

*Build* 

**whirl** 

Wireless Handhelds for Improving Reflection on Learning



out to TI Reception

- Welcome
- On This Floor
- Notes
- Files
- Links
- Discussion
- Passageways

MPS Reception : Welcome

Welcome

Welcome to MPS Reception. This is the reception room for the MPS Building.

In MPS: People, you'll find a listing of all MPS members.

Floors

- Browse the rooms on this floor
- MPS Groups Lobby
- MPS Offices Lobby

Featured Items

Take a look at these:

Links

- Milwaukee Public Schools Learn about MPS

Files

- Riverside.jpg MPS students

Featured Passageways

You can also view a list of all passageways out of this room.

MPS PSP Design Team  
The MPS PSP Design Team Group Room. (MPS : Marks)

Tapped In 2 Reception  
A welcoming room for all Tapped In members where help is always available.

MPS Students

Havin' fun



Here Online Buddies

You are in MPS\_Rec

Actions...

JudiF MPS3\_Lby  
MelissaK MPS\_Rec

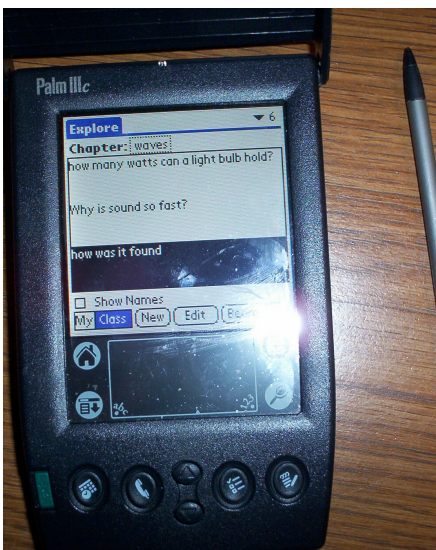
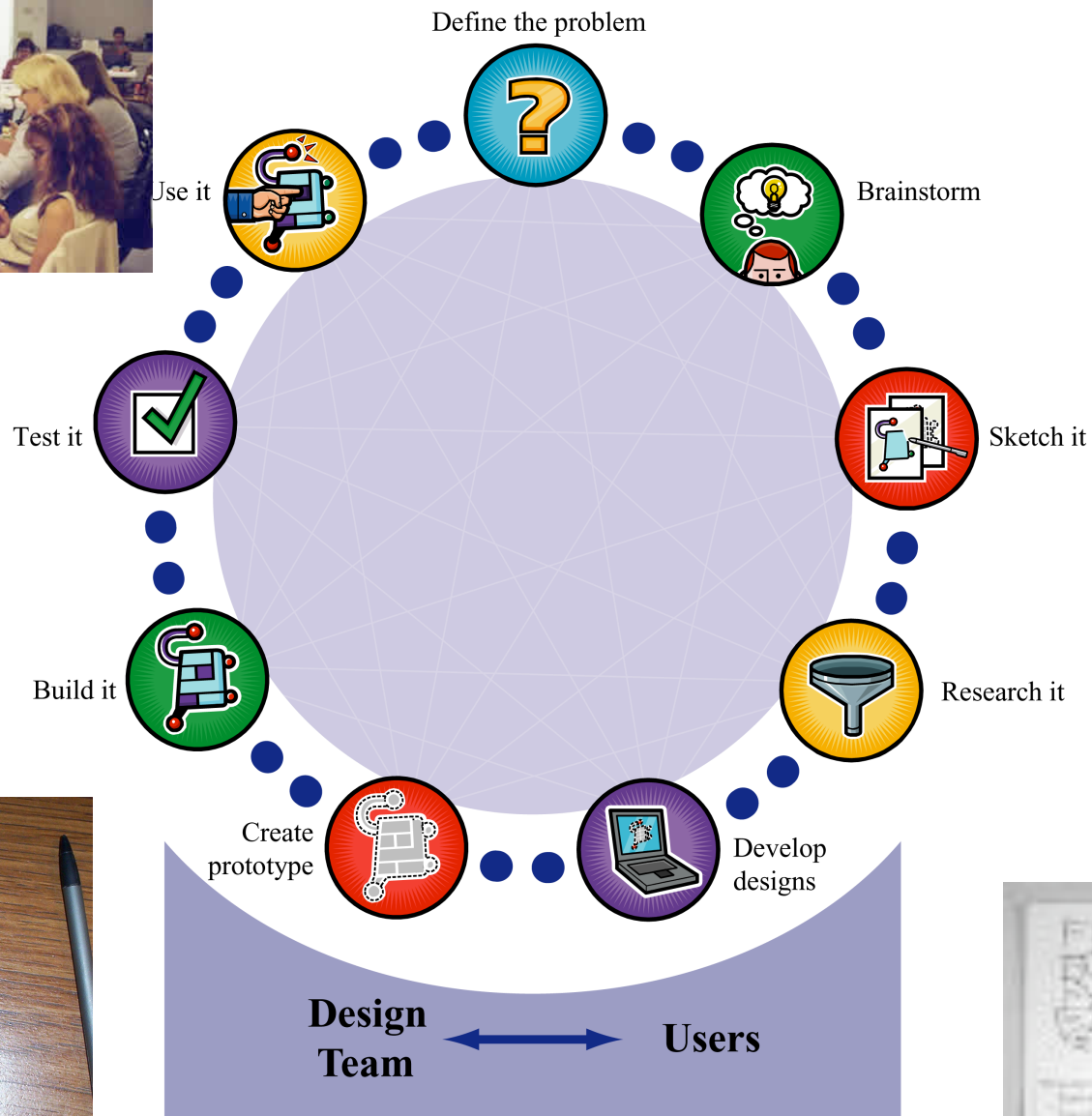
MelissaK entered the room.

Total: 2

Refresh



Say



Build IT, a collaboration between SRI International and Girls Incorporated of Alameda County, is supported by the National Science Foundation's Information Technology Experiences for Students and Teachers (ITEST) program under Grant No. ESI-0524762

# Why do I think IT is cool?

- I'm always learning new things about people, technology, and how people use technology.
- I help people learn.
- I get to be creative -- make up things out of nothing.

# What are my interests?



Training dogs



Encouraging girls to pursue science, math, and technology

Singing and dancing



Travel to explore ancient and current civilizations



Hiking & Nature





# What did I like to do in middle school?

Dressing Up



Playing with animals



Writing & Reading



Creating and performing plays

# What education did I have?

- Algebra, Geometry, Advanced Mathematics in high school
- Biology, Chemistry, Physics, and **Computer Science** in high school
  - Story about my first computer programming experience
- BA from Grinnell College
  - Chair of the Student Publications and Radio Committee my senior year
  - Story about communication technologies
- MA from Northwestern University

Questions??