Taking Action: A Dynamic Way of Knowing

Cathryn Berger Kaye, M.A.
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Words matter – they move us in one direction or another.

Deena Metzger, author
When spider webs are woven together, they can tip up a lion.
“When spider webs are woven together, they can tie up a lion.”

Ethiopia Proverb says.
"A book is like a garden, carried in the pocket."
-Chinese Proverb
Why not go out on a limb?
Isn't that where the fruit is?
Circumstances determine our lives. But we shape what we make of our circumstances.
Life is a great big canvas; throw all
the paint on it you can. — Danny Kaye
Only a life lived in the service of others is worth living

- Albert Einstein
"Be patient, for the world is broad and wide."

Shakespeare
TRUST
Competencies

Confidence
Red Flag Questions

- What do you want me to do?
- How long does it have to be?
- Can I use Google?
- Am I done?
A “Defining” Moment

What is

Service Learning?
A Global CALL for Service Learning
全球发展趋势
Service Learning: Students APPLY academic knowledge and skills to meet real community needs.

Reciprocal Partnerships  
Authenticity  
Ongoing Reflection  
Intrinsic Knowing
Why Service Learning Matters

- Waste
- Water
- Housing
- Literacy
- Health
- Disasters
INVESTIGATION

PREPARATION

ACTION

REFLECTION

DEMONSTRATION

Curriculum

Reflection

Reflection

Reflection
Wheat → Flour → Bread

How do wheat seeds become flour?

How does flour become bread?
Intrinsic
Extrinsic
Extrinsic
Ukraine: Design & Technology Unit, GR 10

- Researched the concept of “disadvantaged”
- Arsenal Museum in Kyiv, Ukraine was holding an exhibit on toys and technologies
- Anthropometrics & Ergonomics

- Appropriate learning devices for pre-school and grade 1
- Added considerations like tactile abilities of children
- Solve REAL design issues

Board Game for Children who are Visually Impaired
IB Diploma
20th Century World History Class

• World War One and World War Two in History

• All Quiet on the Western Front in English

• Bring the “delicate and emotional subject of war closer to their learning community”

• Interviewed a group of war veterans
Published Memoirs of a Soldier
Made an exhibition that taught about wars during the 20\textsuperscript{th} and 21\textsuperscript{st} century.
World War II
72 mln casualties
Wrote a script and directed a dramatic performance
Living History: Eighth Graders in Warsaw Remember the Holocaust

Barbara
the guard . . . and 26 people

Anna
Endurance. In our privileged world, few know what this truly means. . . . she withstood all the horror and atrocities . . . and built herself a life of purpose

"It's one thing to read the flat words on a page," says social studies teacher Constance McGuire. "It's another thing to sit across the table from someone who may have been a child about their age during that time of history, and to hear their experiences, especially as it relates to their family. I can't imagine a better way to develop empathy."
Atlantic High School IBCC example

- Video (1:35) http://vimeo.com/107770916
Engage and Inspire
Control and Manage
Bronx, New York: Food Desert
Investigate: Experiment
Preparation: Promote
Action: Educate
Action: Gain Participation
Gather Evidence

Collect more than 15,120 liters of grease per month!

That’s over 181,699 liters of biodiesel a year.

Saves 362,873 kg of CO2 from atmosphere.
Action: Advocate and Legislate
Used Cooking Oil Recycling Act
Izmir, Turkey: Water Conservation
RESPONSIBILITY

RESPONSE-ABILITY
Plant Your Butts
Blederodougou, Burkina Faso: Clean Water

LEARN

GROW

TEACH
Local to Global
TechKopila Video
about our community. We have really great schools. We also have really nice city helpers. Finally, we live near Mount Saint Helens. That's why our community is special to us.

by Cali and Megan M.
Welcome to In Our Global Village
SERVICE

LEARNING
2008: A fire caused the loss of more than 7,000 hectares of native forest and grassland.
With support from the ranger, the activities of nursery school are redirected to cultivate native species to contribute to the reforestation of the park.
Environment Day: reforestation campaign and donation of trees to other institutions
Parque Nacional Los Alerces, Chubut, Argentina
Action Research: Community Need

RESEARCH $\equiv$ GOOGLE

RESEARCH $\not\equiv$ GOOGLE
Authentic ACTION RESEARCH

• MEDIA

• SURVEYS

• INTERVIEWS

• OBSERVATION and EXPERIENCE
The Omgoi Project:
Maeramit hill tribe village in Omgoi, Chiang Mai

August 2013
Investigation: Comprehensive needs analysis of the village and surroundings
Preparation:
Further collaboration with the community
Action:
Direct, Indirect, Advocacy, Research

- *Provide safe drinking water:*
  - Wrote a proposal
  - With villagers and local government, built a small collection dam and pipes laid three kilometers to a water filter the students built.

- The village now has access to safe drinking water for the first time ever.
Action:
Direct, Indirect, Advocacy, Research

• *Improve sanitation and hygiene:*  
  • This group wrote and submitted a development proposal and received a grant  
  • Bought materials needed for eight bathrooms

• On the third trip the students worked with families to build the bathrooms and toilets.
Action:
Direct, Indirect, Advocacy, Research

• *Increase educational opportunities:*
  • Idea! Provide books on various subjects so the students could take them home for study
  • Problem: about 80% of the houses in the village have no electricity

• Provide every student with a solar lamp
Action:
Direct, Indirect, Advocacy, Research

- *Increase agricultural opportunities*
  - Subsistence farmers who are not food secure, generate very little income = in a poverty trap
  - The area is in a good zone for coffee growing

- Three year plan for coffee plantations as a fair trade coffee product.
The Echoes of Learning
THEY CAN
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The PURPOSE of LIFE is A LIFE of PURPOSE.