

# Taking Action: A Dynamic Way of Knowing

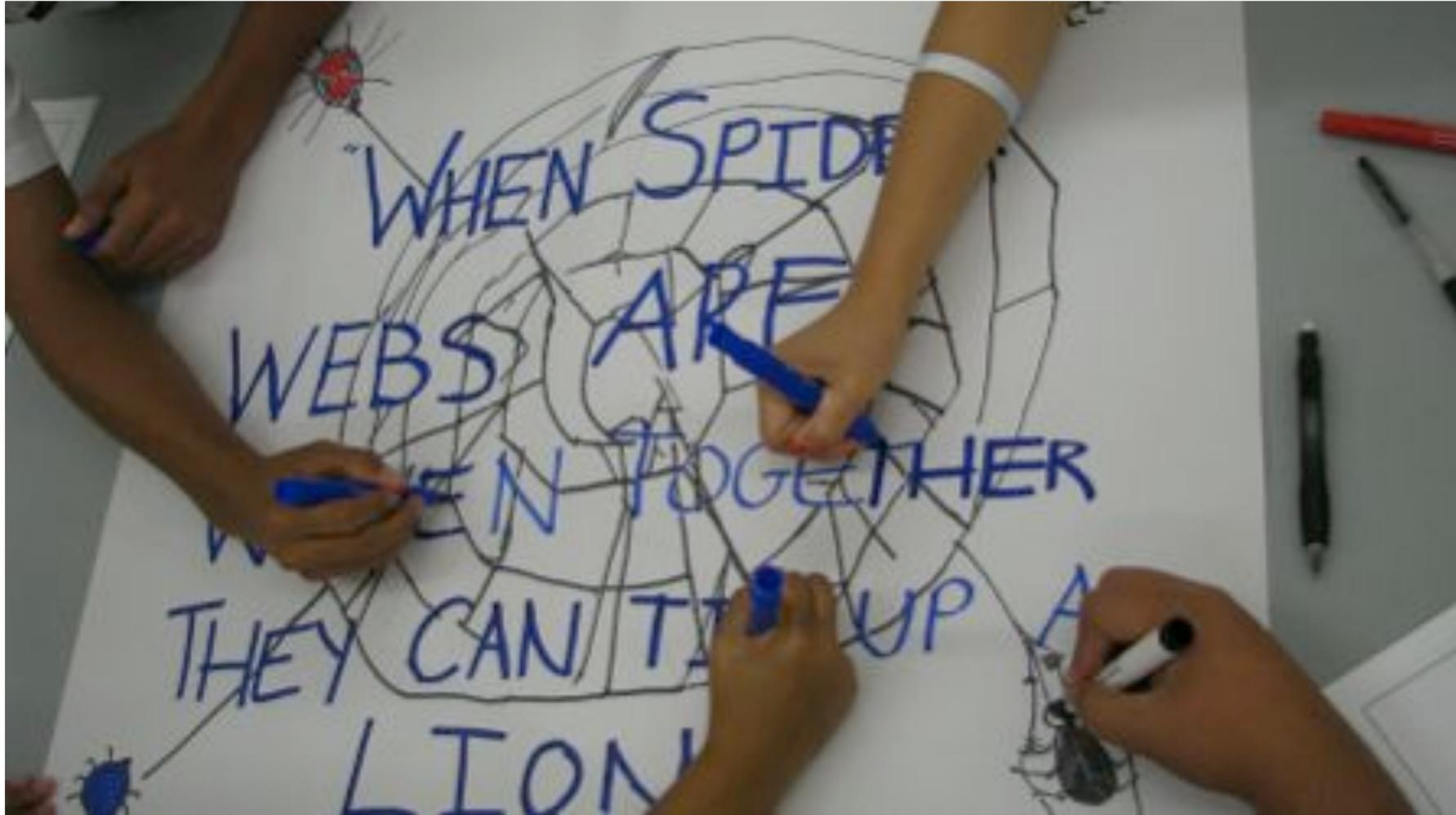
Cathryn Berger Kaye, M.A.

IBAEM 2014 ROME

*Words matter – they move us in one direction or another.*

*Deena Metzger, author*





Ethiopia Proverb  
says:

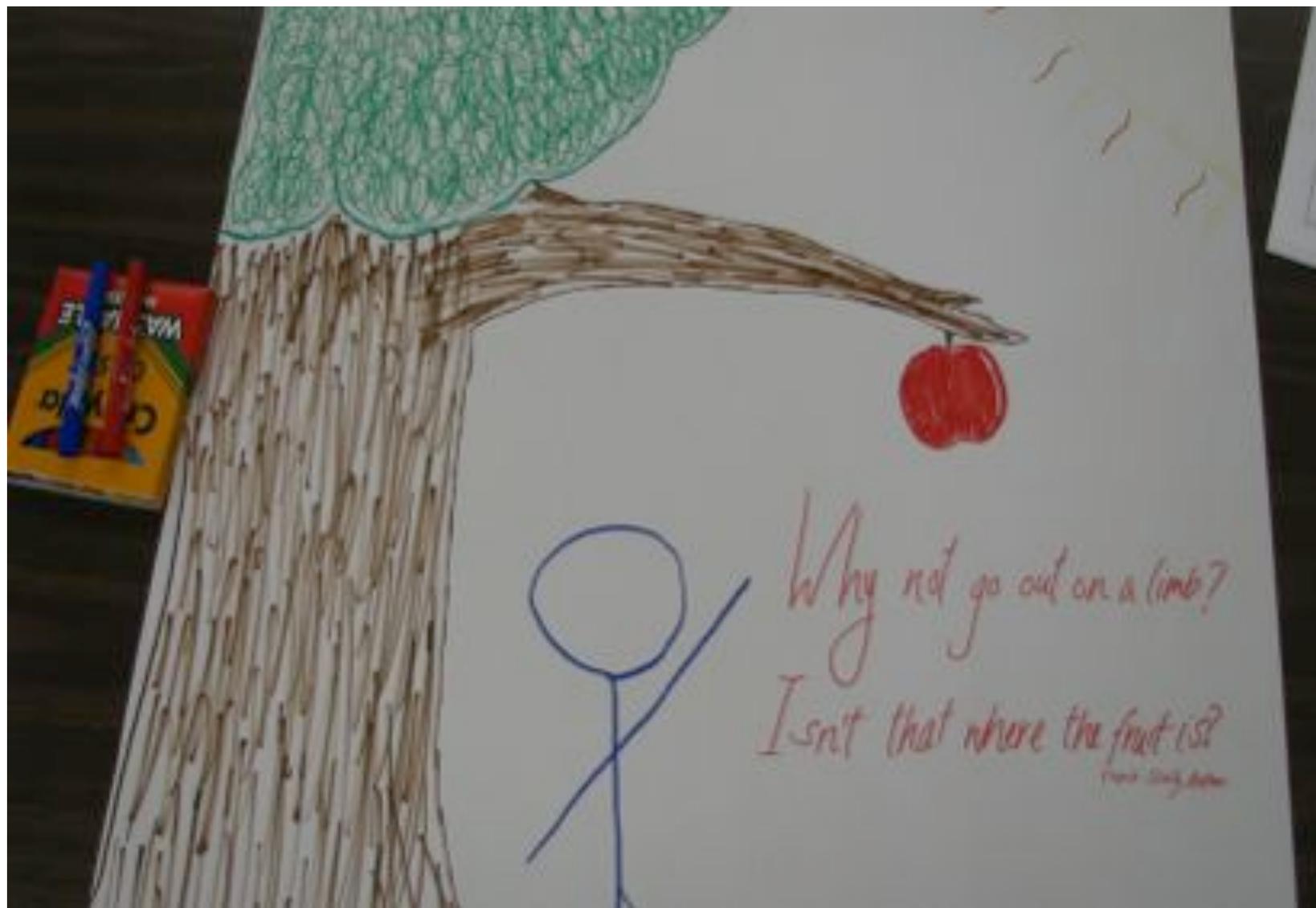
"WHEN SPIDER  
WEBS ARE  
WOVEN TOGETHER  
THEY CAN TIE UP A  
LION."



"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?  
from [unclear]

determine

Circumstances

our lives. BUT we shape

our lives BY what we

MAKE of OUR circumstances

you got that?



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



Matt Yarr  
Class of 2018

*"Be patient, for the world is broad and wide"*



-Shakespeare





Life is short  
**Fight** for

Life is short  
Live it up  
Don't let  
the government  
take away  
your rights

Life isn't about  
**GETTING**  
**STOPPED**  
but learning to  
**DANCE**

Better to  
light one  
small  
candle  
than to curse  
the darkness

Don't LET WHAT  
I Can't do Stop  
from what you  
DO





**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?

**THINK**  
Resourceful

Curiosity

Inquisitive

Dive Deeper =  
Desire to Know

PURPOSE

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

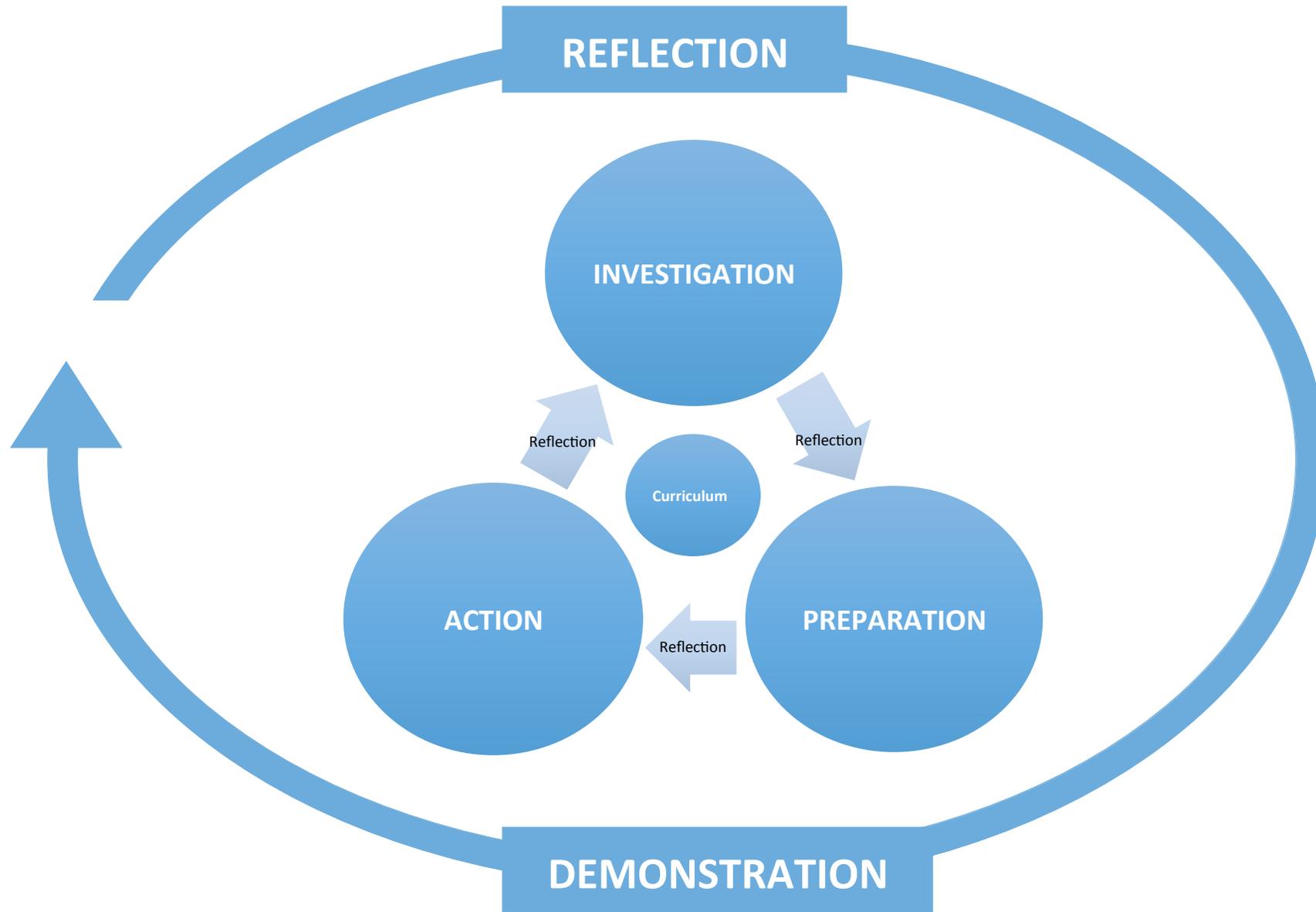
Literacy

DISASTERS

HEALTH







# Wheat → Flour → Bread



## How do wheat seeds become flour?



## How does flour become bread?













# Cater Prague









**Intrinsic**

**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**

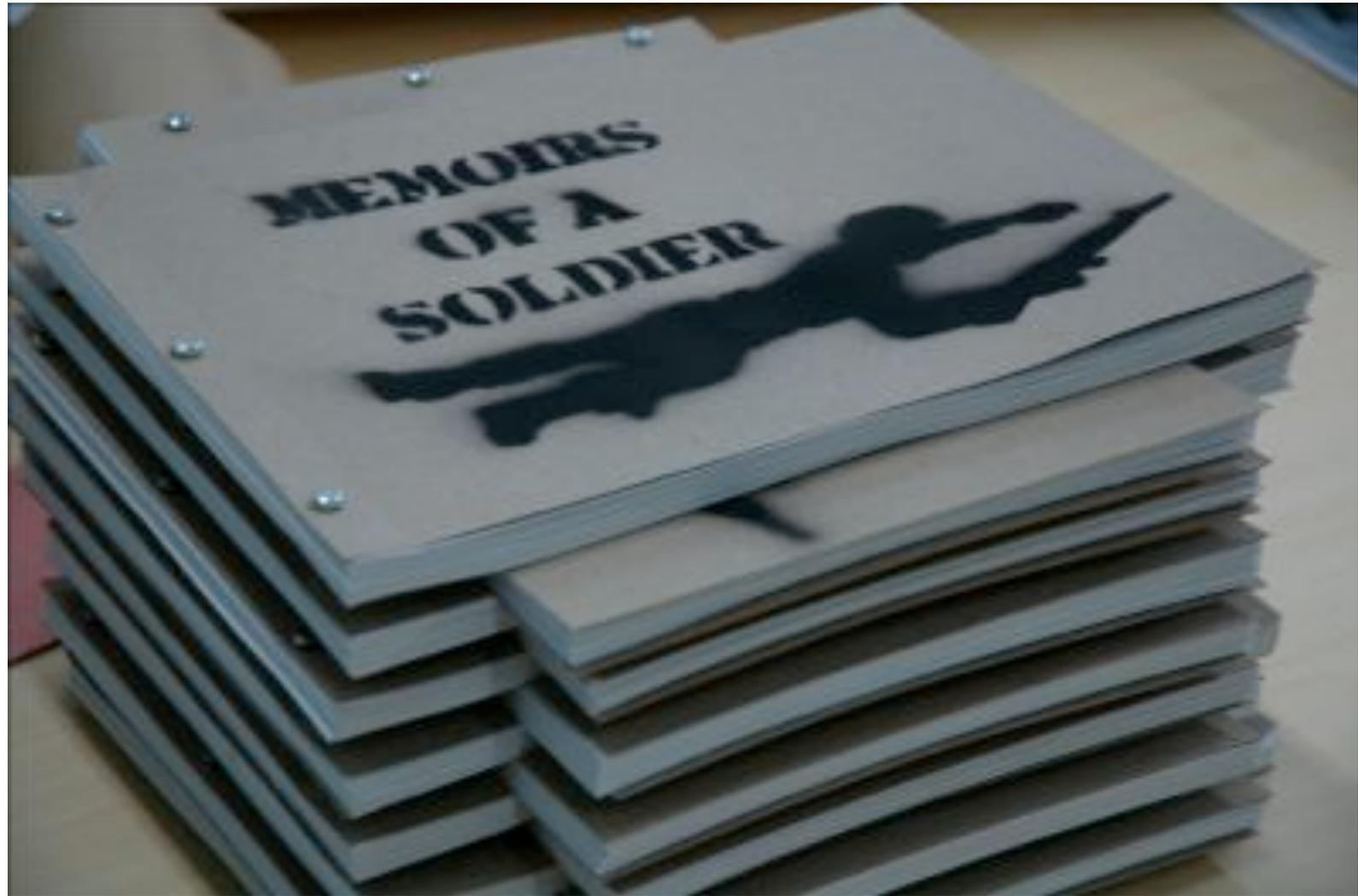


# IB Diploma

## 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<sup>th</sup> and 21<sup>st</sup> 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

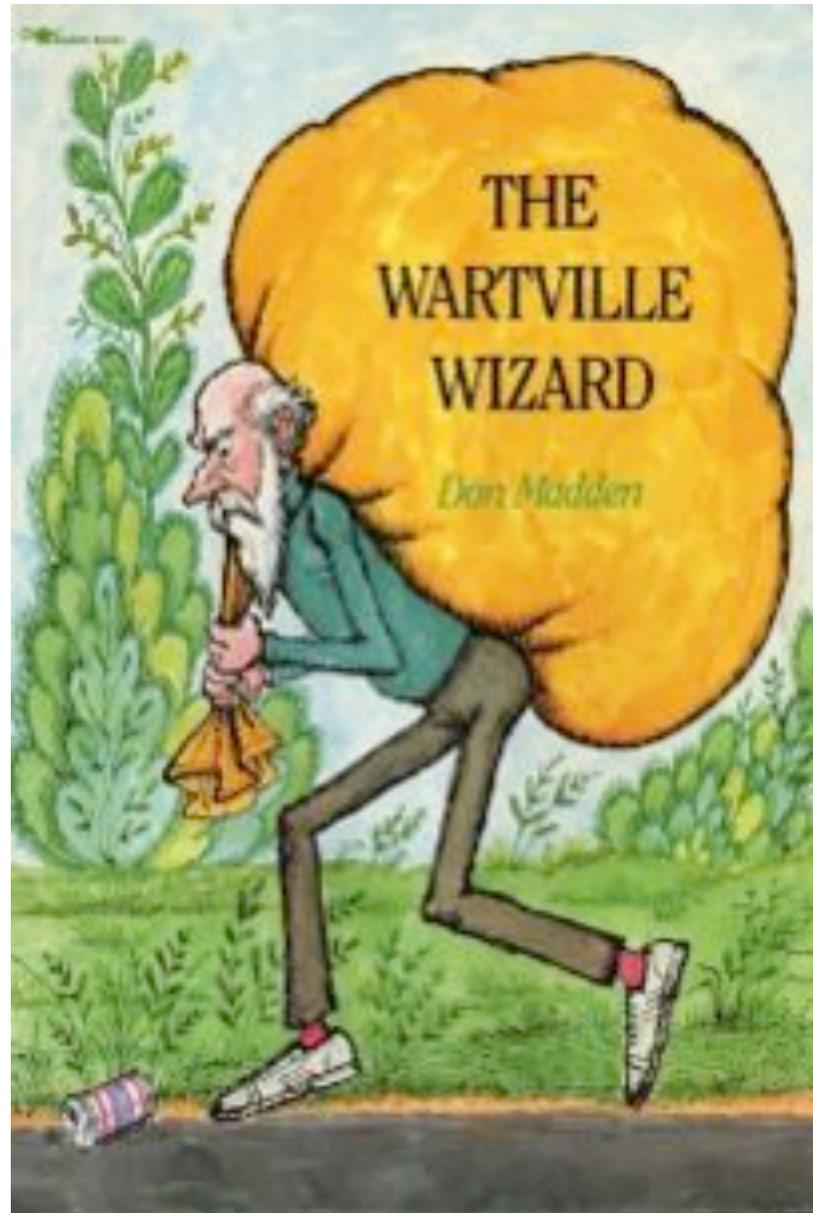


Anna  
Endurance. In our  
privileged world, few know  
what this truly means. . . .  
she withstood all the horror  
and atrocities . . .and built  
herself a life of purpose

"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











GreenBronxMachine Farmer's Market May 20 2011

WORK WE ARE PROUD OF;  
MEETING HIGH STANDARDS !

# 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 CO<sub>2</sub>  
from atmosphere.



# Action: Advocate and Legislate Used Cooking Oil Recycling Act



# Izmir, Turkey: Water Conservation













**RESPONSIBILITY**

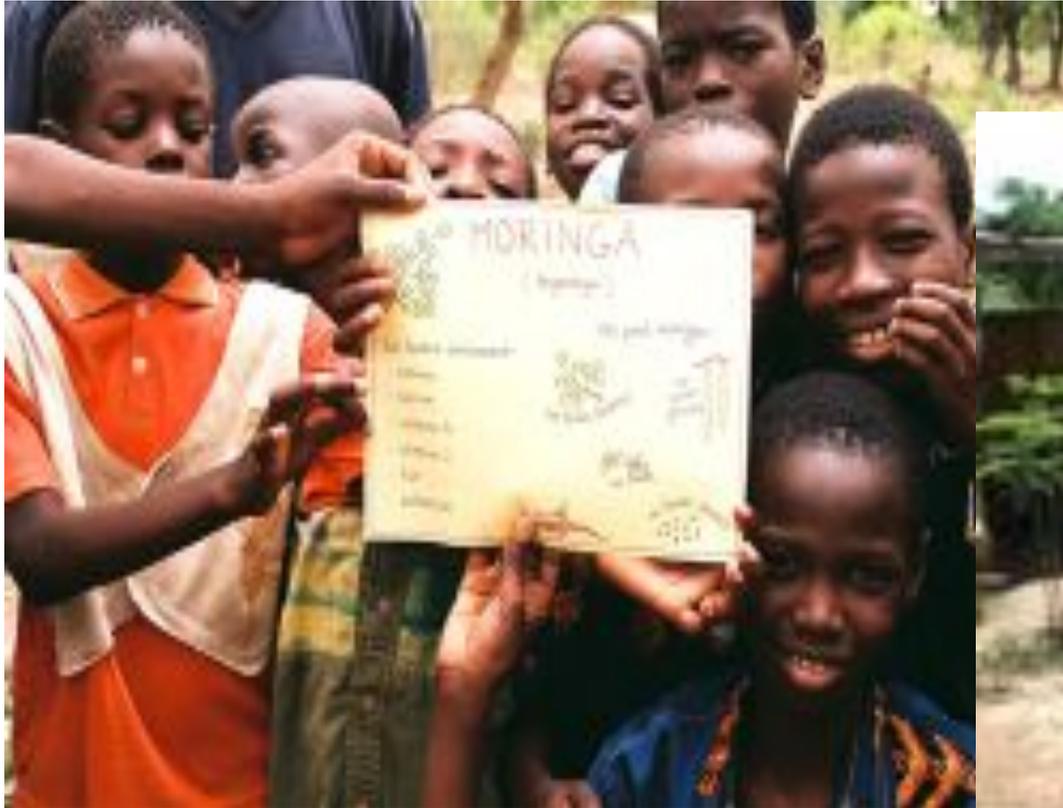
**RESPONSE-ABILITY**



# Plant Your Butts



# Blederodougou, Burkina Faso: Clean Water



**LEARN**

**GROW**



**TEACH**

Local to Global



# TechKopila Video



[www.INOURVILLAGE.org](http://www.INOURVILLAGE.org)

## In Our Village

Kambi ya Simba Through the Eyes of Its Youth



A PROJECT OF JEFF SECONDARY SCHOOL, TANZANIA, EAST AFRICA  
AND WHAT KIDS CAN DO, INC.

Edited by Barbara Corvino



Our book



# Our Community: Saint Helens





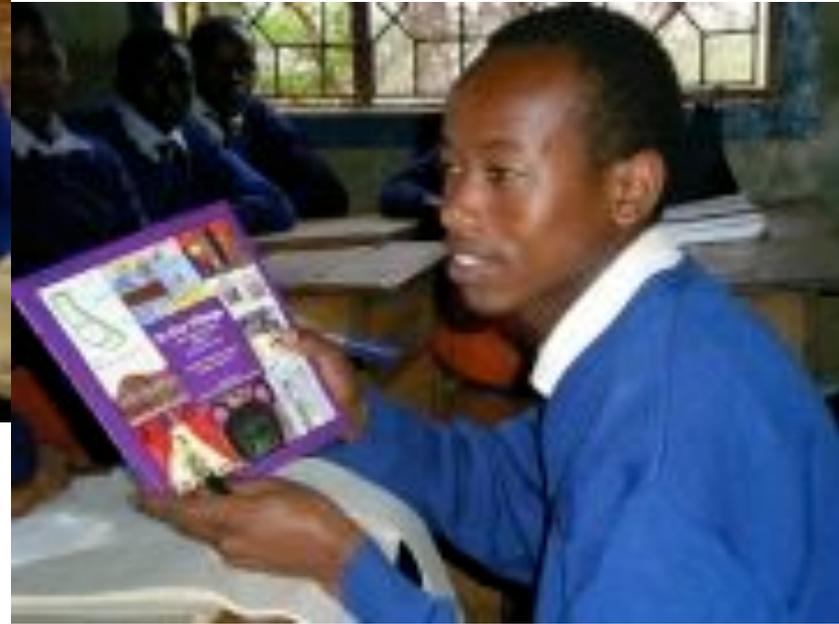
about our community. We have  
really great schools. We also  
have really nice city helpers. Finally,  
we live near Mount Saint  
Helens. That's why our  
community is special to  
us.

by Cali and Megan M.

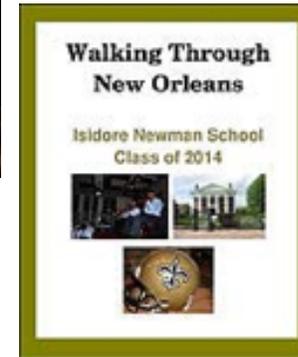
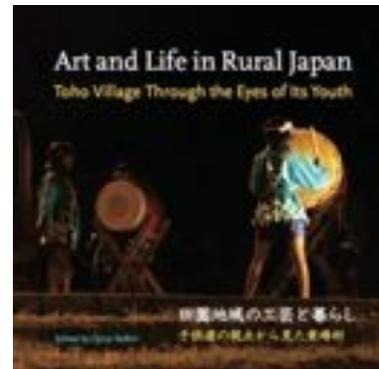
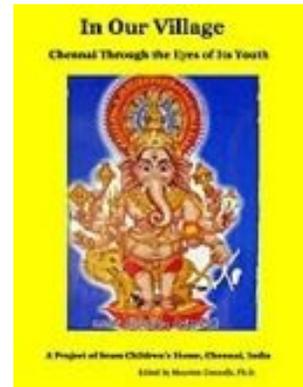
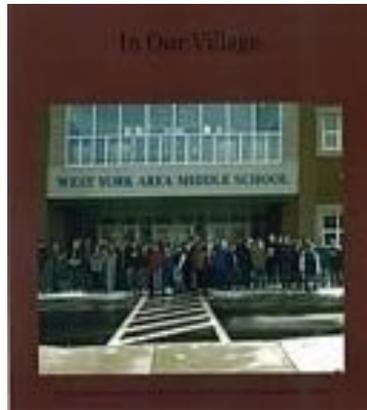
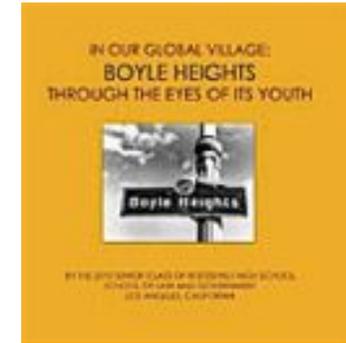
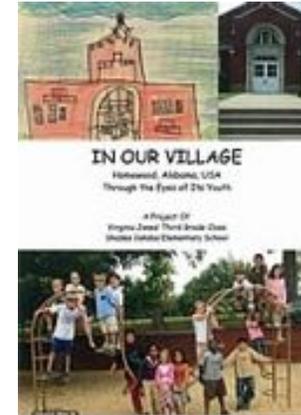
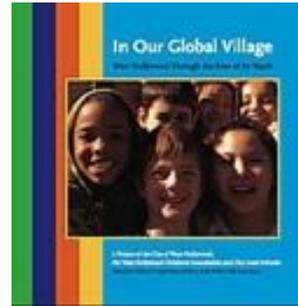
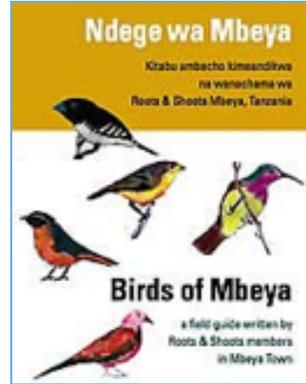
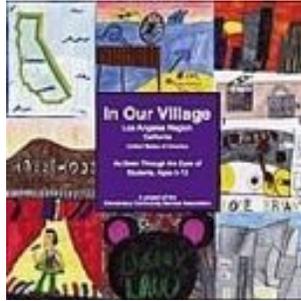


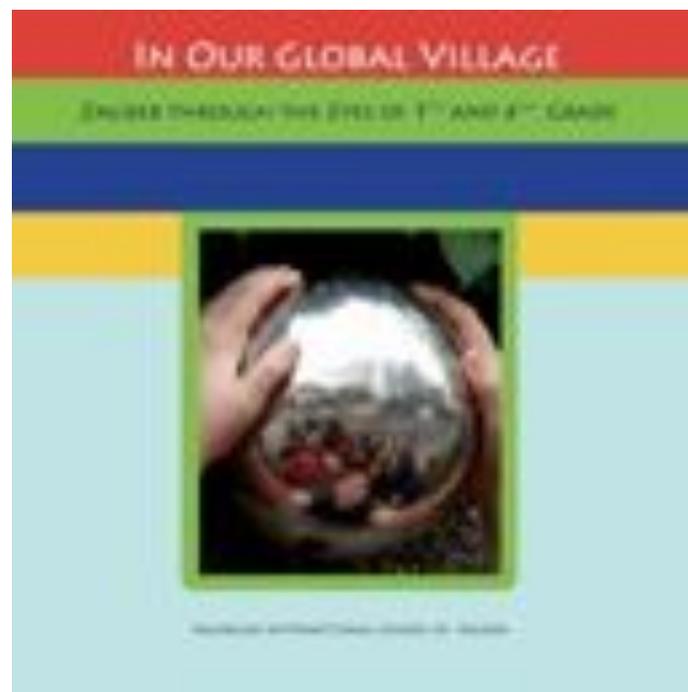
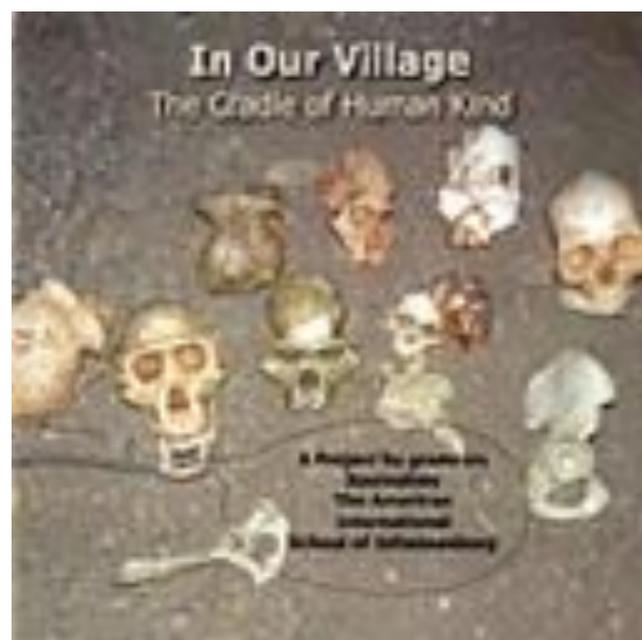






# Welcome to In Our Global Village





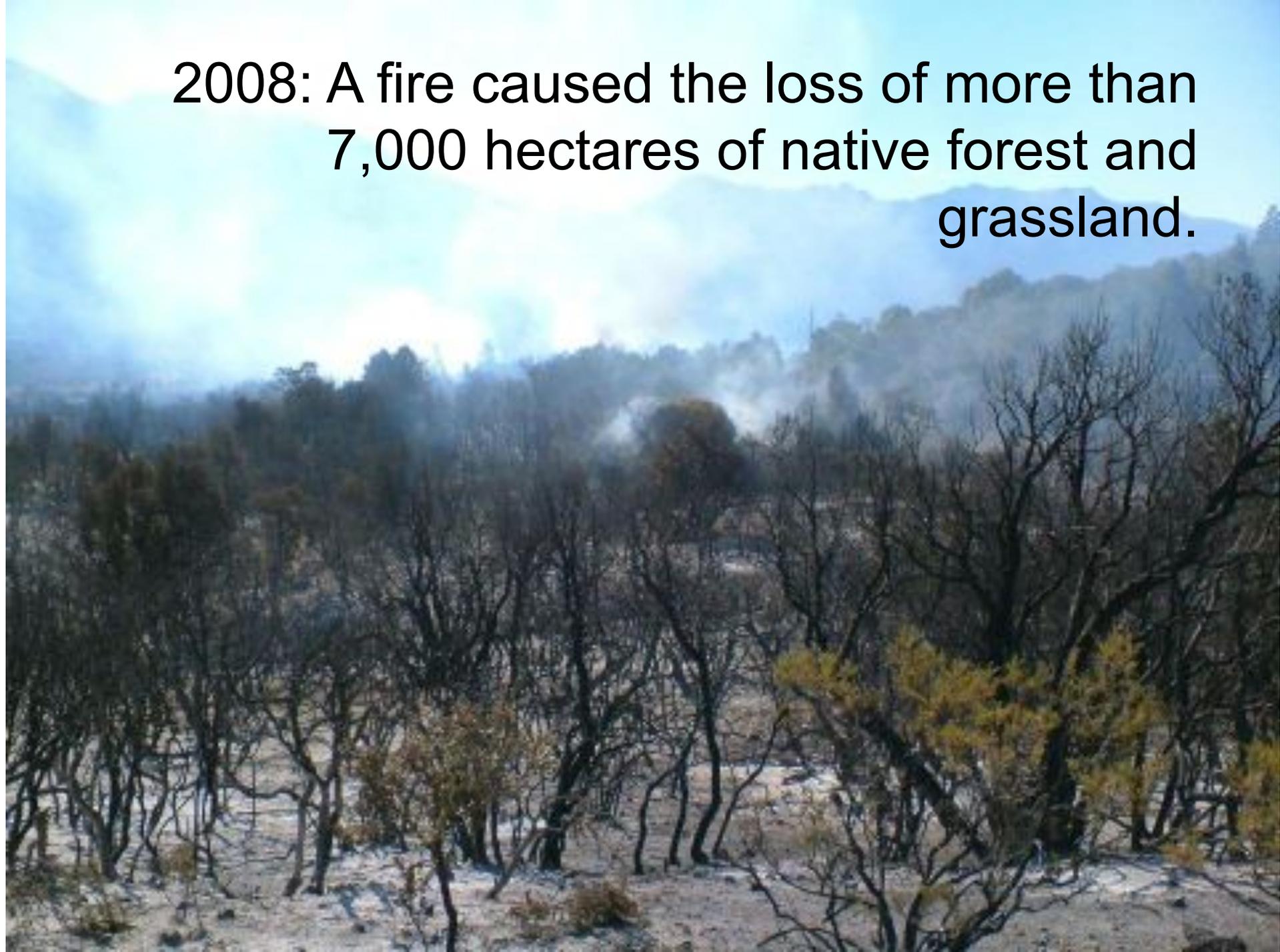


**SERVICE**



**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 = GOOGLE**

**RESEARCH ≠ GOOGLE**

# Authentic ACTION RESEARCH

- **MEDIA**



- ▶ **INTERVIEWS**



- **SURVEYS**



- ▶ **OBSERVATION and EXPERIENCE**



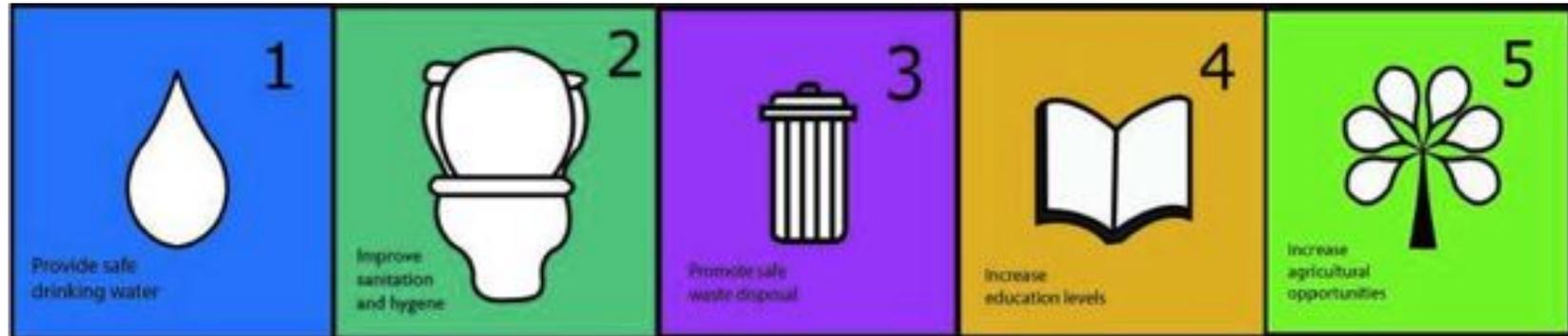
# The Omgoi Project:

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

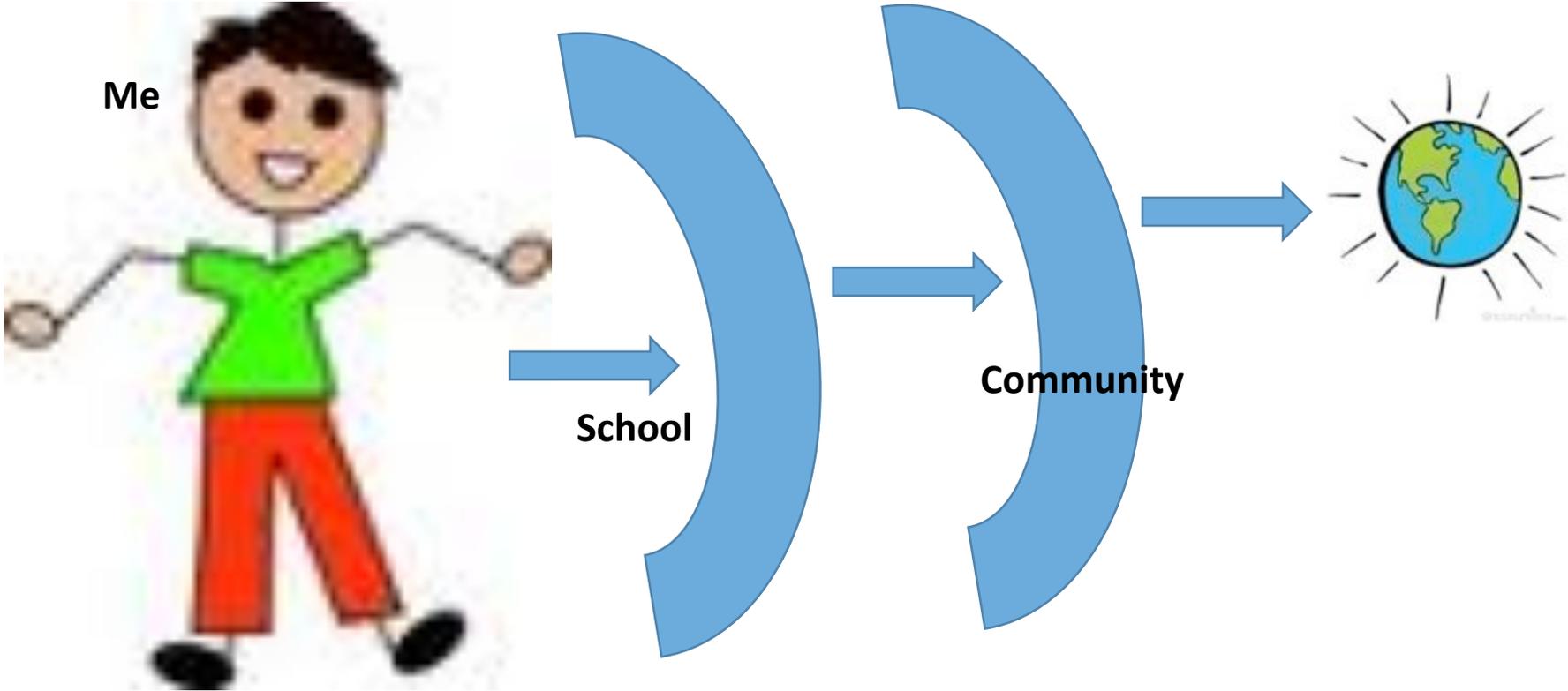
Action:

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.



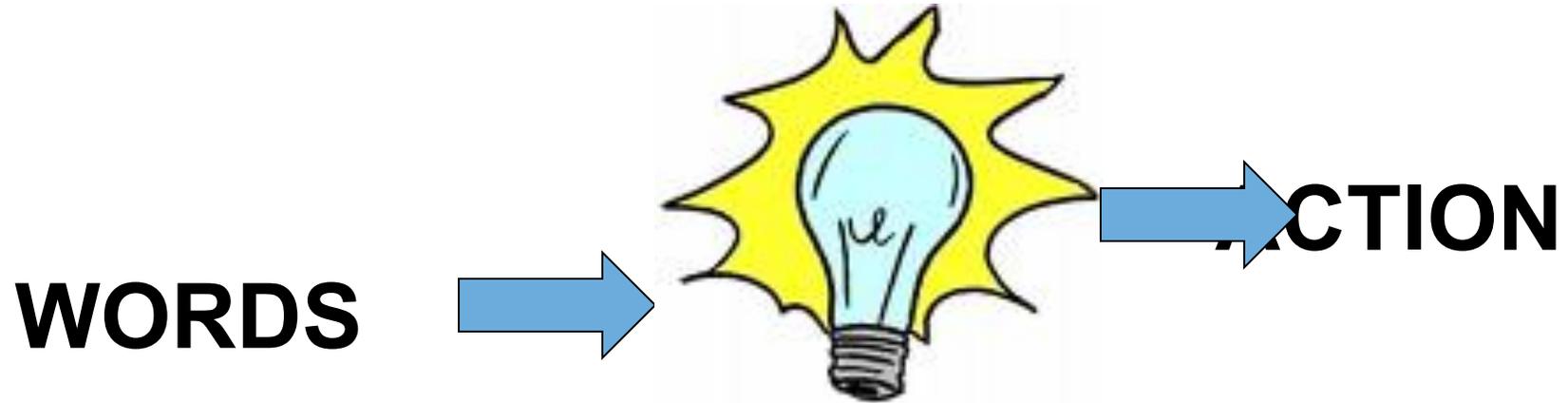
# The Echoes of Learning



**THEY CAN**

*Words matter – they move us in one direction or another.*

*Deena Metzger, author*





**The PURPOSE of LIFE  
is  
A LIFE of PURPOSE.**