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Reducing Barriers to Education Around the World: A Systematic Approach Using the Community School Model as a Framework

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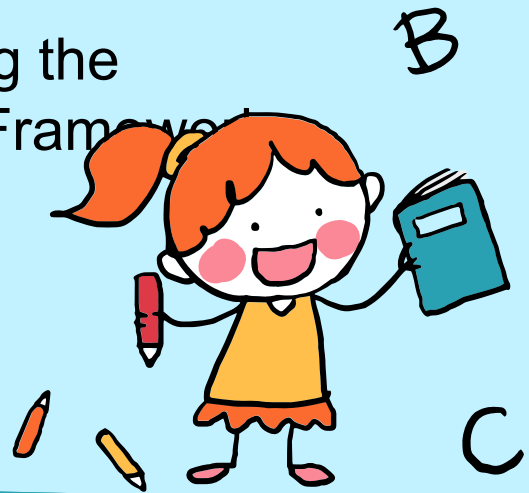
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Reducing Barriers to Education Around the World

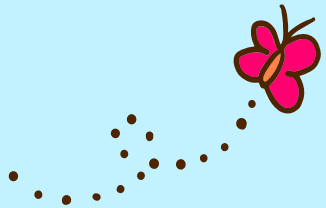
A Systematic Approach Using the
Community School Model as a Framework

Isabella Bejarano Bernal










**What is this and
why does it
matter?**

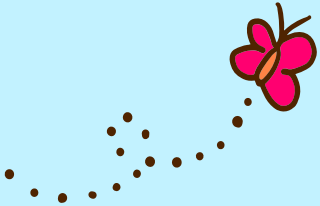



The Importance of Reducing Barriers^{ABC}

- If all adults completed secondary education, global poverty could be reduced (66% IN Sub-Saharan Africa and Southeast Asia) (UIS, GEM, 2017).
- Expanding instructional technology, developing new curriculum standards, teacher accountability and improving teacher preparation/licensing become inefficient if barriers remain unaddressed.
- Barriers to education intersect with basic human needs (Maslow's Hierarchy)

Maslow's Hierarchy of Needs ^{A B C}

Need categories		Need examples
Self-actualization needs		Self-fulfillment; Growth; Unity Understanding; Beauty; Morality; Transcendence; Exploration; Play
Esteem needs		Positive self-evaluation; Dignity; Achievement; Mastery; Competence; Independence; Reputation; Prestige
Social needs		Giving and receiving affection; Intimacy; Friendship; Tenderness; Affiliation; Love; Belongingness
Safety needs		Security; Stability; Predictability; Protection; Freedom from fear; Structure; Order; Law; Limits
Physiological needs		Nutrition; Water; Air; Sleep; Shelter; Clothing (temperature control); Reproduction



**How can we
reduce barriers
to education?**

How we Reduce Barriers

ABC

- No quick, easy solutions.
 - Increasing social capital: communities collectively addressing the needs of individuals to push them from meeting lower needs to higher level goal setting. Communities have assets to employ to maximize people's potential.
 - Systematic change contextualized to specific communities (culture, ethnicity, SES).
 - Framework for this systematic change (flexible yet specific!).



The Six Questions

Who?

Empowered communities
as agents of change.

What?

Systemic reduction of
educational barriers.

When?

2030 Sustainable
Development

Where?

Around the world.

Why?

Reducing poverty and
everything that follows.

How?

A systematic framework
to address barriers in and
out of the classroom.

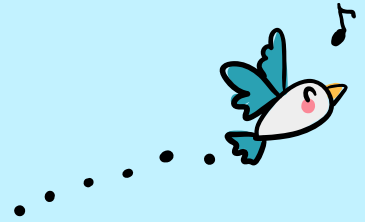
Table of Contents

01 Internal and external barriers around the world

02 The community school model

03 Case Study #1: Batesville

04 Case Study #2: Wataṃu Kenya



01

Internal and External Barriers



External Barriers

- Outside a student's control
- Often more concrete and measurable:
 - Lack of appropriate technology to complete assignment
 - Insufficient finances for supplies
- May be intangible and pervasive:
 - Poverty and racism
- May exist in school:
 - Bullying, unprepared teachers, inadequate curriculum
- May exist out of school:
 - Domestic violence, food insecurity, deficient transportation.



Internal Barriers













- Often less visible.
- Can be caused by external barriers.
- Take place inside the student (the thoughts and attitudes that prepare students for learning and participation in the community).
 - Lack of self-regulation, insufficient attention span, low motivation.
- Mental and physical barriers
 - learning differences, illness, childhood adversity.

The ACE Study

ABC

- Trauma affects communities generationally, having long-term effects on neurodevelopment and future health outcomes.
- Children are often unprepared to cope with toxic stress and difficult situations.
- Felitti and Anda's Study (1998):
 - Adverse Childhood Experiences lead to unhealthy coping mechanisms, which have long-term health effects.

ABUSE	NEGLECT	HOUSEHOLD DYSFUNCTION	
 Physical	 Physical	 Mental Illness	 Incarcerated Relative
 Emotional	 Emotional	 Mother treated violently	 Substance Abuse
 Sexual		 Divorce	

WHAT IMPACT DO ACEs HAVE?

As the number of ACEs increases, so does the risk for negative health outcomes



Possible Risk Outcomes:

BEHAVIOR

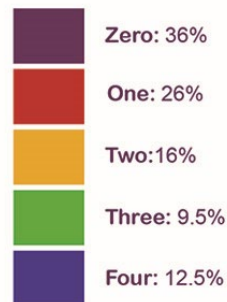


PHYSICAL & MENTAL HEALTH



How common are ACEs?

Number of ACEs



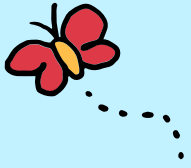
- Trauma that remains undealt with will affect the body.
- The risk behaviors that link ACEs to future health consequences are preventable!

The ACE Study

ABC

- Primary strategies: prevent the occurrence of ACEs by making the home a safe and healthy place for children.
 - Examples: social services like home visits, addressing food insecurity,
- Secondary strategies: prevent the adoption of health risk behaviors during childhood and adolescence.
 - Examples: guidance counseling for resilience, collaboration between health and education professionals,
- Tertiary strategies: treating trauma and its effects
- Most difficult

The school is a natural hub for these interventions!



02

The Community School Model





The Community School Model...



#1. Strong and Proven Curriculum

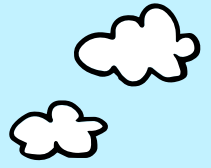
#2. High Quality Teaching

#3. Inclusive Leadership

#4. Positive Behavior Practices

#5. Family and Community Partnerships

#6. Community Support Services



03

Case Study #2 ~~W~~atamuKenya





The Community School Model...



#1. Strong and Proven Curriculum

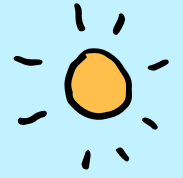
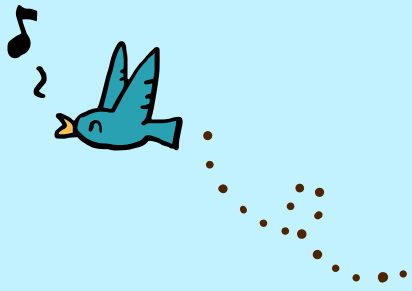
#2. High Quality Teaching

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04

Case Study #1: Batesville, AR





The Community School Model...



#1. Strong and Proven Curriculum

#2. High Quality Teaching

#3. Inclusive Leadership

#4. Positive Behavior Practices

#5. Family and Community Partnerships

#6. Community Support Services