

Systemic Statewide Strategies in Global Education

**CCSSO 2006 Summer Institute
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Michael Eskew, Chair and CEO of UPS

“We want people who are trade literate, sensitive to foreign cultures, conversant in different languages, technologically savvy, capable of managing complexity, and ethical.”

What is Global Education?

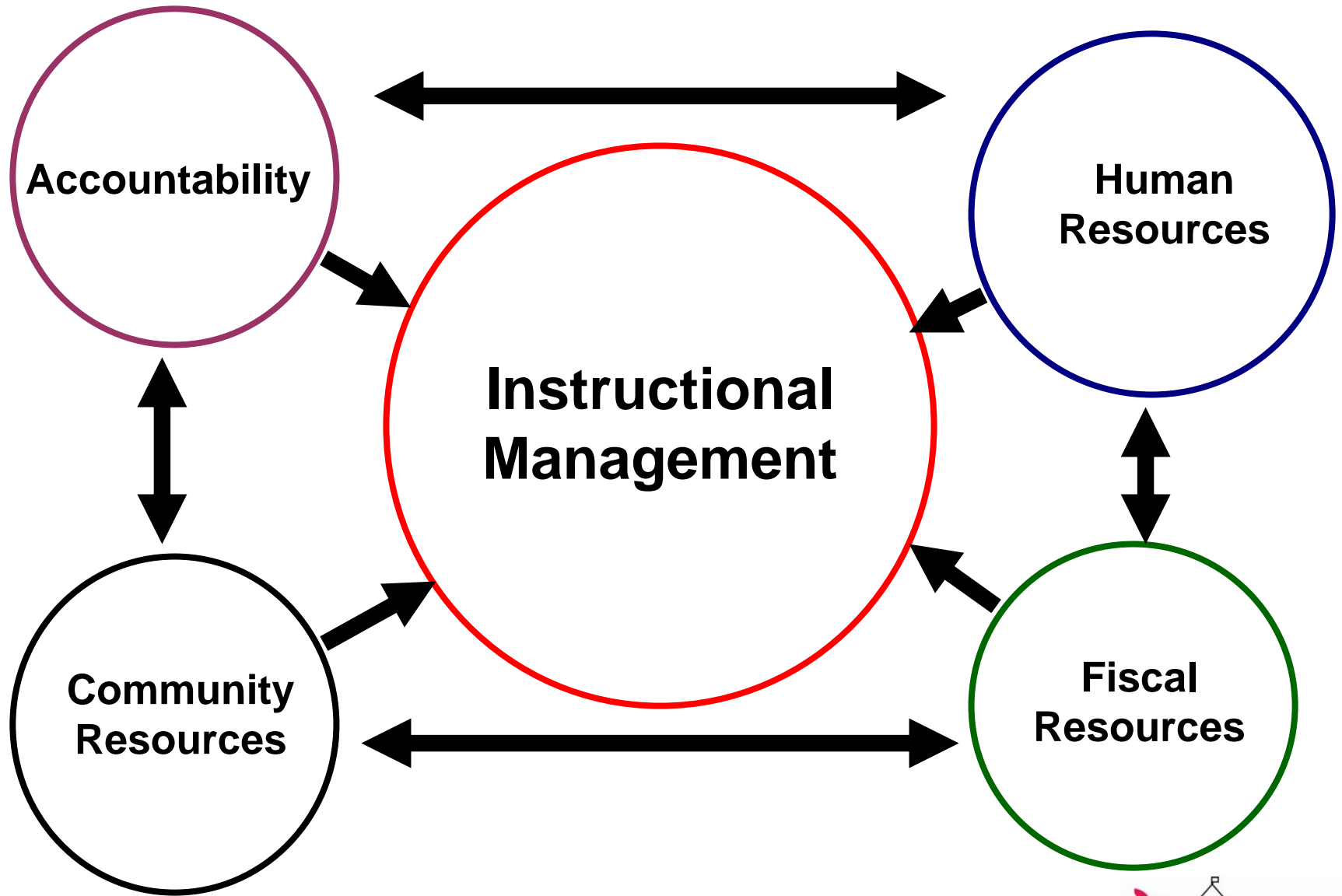
- Global content
- Global thinkers

State Board of Education

- Education in the New Global Economy
- Office of Global Education

Theory of Systemic Change

- Instructional Management
- Human Resources
- Community Resources
- Fiscal Resources
- Accountability



Instructional Management System

- International benchmarking
- Cognitive competencies
- Core curriculum
- Program models
- Cultural competencies
- Technology

International Benchmarking

- Benchmarking standards against international best practices
 - Program for International Student Assessment (PISA)
 - Trends in International Mathematics and Science Study (TIMSS)

Cognitive Competencies

- Thinking skills commonly involved with assessment items across subject areas and grade levels
- Develop “Cognitive Domain Scale” for academic content standards
- Use information and best practices to shift emphasis from teaching to learning

Curriculum

OhioCore

- 4 years of math - Algebra II
- 2 years of foreign language
- 3 years of science
 - 1 year each of biology, physical science
 - 1 year of chemistry, physics, or advanced biology

Program Models

- **English Language Arts**
 - Reasoning and meaning, language experience, literacy connections
- **Mathematics**
 - Applied, traditional, blended models
- **Science**
 - Systems-based, discipline-based, process-based
- **Social Studies**
 - Integrated, thematic, guided-inquiry

Cultural Competencies

- Global worldview in all subjects, across curriculum
- World languages
 - High school requirement
 - Push in primary grades
 - “Critical” languages

Technology for Educators

- Leveraging technology to shape curriculum
 - IMS
 - D3A2
 - Third Frontier Network
 - N.J. International Education and Resource Network (IEARN)
 - School to School Across the Globe

Human Resource System

- Performance-based compensation and incentives for ongoing professional development
- Alternative pathways
- Content knowledge – math & science
- Cultural competence
- Teacher Exchanges

Teacher Exchanges

- Memorandums of Understanding: Spain, China and Taiwan to establish visiting teacher programs.
- Recruiting teachers from Spain and China to teach in Ohio schools in the 2006-2007 school year.
- Ohio teachers also are being recruited to teach English in Taiwan for the coming year.

Community Resource System

- Business partnerships
- Foundation support
- University collaboratives
- Access to Better Care
 - Early Learning Initiative
 - Grants, TANF, Health & Human Services

Business Leadership

- Ohio **B**usiness **A**lliance for **H**igher **E**ducation and the **E**conomy (BAHEE)
- *The Talent Challenge: What Ohio Must Do to Thrive, Not Merely Survive, in a Flat World*

STEM High Schools

Five strategies:

- Multi-sector partnerships
- Proposals from schools, higher education and business
- Attract science, math and world language teachers
- Best practices of math, science, international high schools
- Middle school students, individualized graduation plans

Fiscal Resource System

- More aggressive federal and state partnerships
- School funding
- \$ should follow the child, but it doesn't
- How can we creating incentives and financing that rewards for student performance?

Accountability System

- State results vs NAEP results vs international comparisons
- Increased graduation rates, college degrees

Building State Support for Global Education

- International Education Advisory Committee
- Policy Summit

Competition... or Collaboration?

We decide.