

A New Paradigm of Education

1. What is a new paradigm, and is it needed?

2. What might a new paradigm of education be like?

3. What are the implications for the IU SoE?

1. What is a New Paradigm, and Is It Needed?

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Systemic change is needed when a system's environment changes dramatically.

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Has that happened in K-12 education?

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- Development of agriculture
- Industrial revolution (physical capabilities)
- Information revolution (mental capabilities)

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Each wave of change brought paradigm shifts in all of society's systems.

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Education: One-room Current
schoolhouse system

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 schoolhouse system *difference*
 similar?

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Does this make sense so far?

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Compartmentalization Holism
(Division of Labor) (Integration of tasks)

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Main Point #3

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- Work place
- Family
- Society

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- Thinking
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Response:

- Change the curriculum? But . . .

Students aren't learning enough.

Costs are rising.

Hidden curriculum.

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- Change the paradigm. In what ways?

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Group-based	Person-based
Teacher-based	Resource-based

A key: The report card

**Emerging Picture of General Features
for an Information-Age System**

- Mastery learning
- Continuous progress
- Personal learning plans (customized)
- Performance-based assessment (PBA)
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- Mastery learning
- Continuous progress
- Personal learning plans (customized)
- Performance-based assessment (PBA)
- Performance-based learning (PBL)
- Cooperative learning (teams)
- Advanced technologies as tools
- Teacher as coach or facilitator
- Thinking skills and meaning making
- Interpersonal skills

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- Lack of communication
- Emotional needs unmet
- Mental and physical abuse
- Physical needs unmet
- Neglect
- Lack of discipline

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Change the paradigm! How?

Need for:

- Caring environment
- Cooperation with parent(s)
- Concern for whole child

Emerging Picture of Features for an Information-Age System

- A "teacher" is responsible for a child for a period of about 4 years.
- That teacher is responsible for educating the whole child.
- Each school has no more than 10 teachers, to create a smaller, caring environment (the notion of schools-within-a-school).
- Each student develops a “quarterly” contract with the teacher and parents.

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And that the educational needs of the information age require a shift to a learning focus?

And that this will require many fundamental changes throughout the educational system?

3. Implications for the IU SoE

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Broad Issues

Need for a new paradigm of teaching

- Customized, focused on the learner.

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Need for new organizational structures

- Flexibility, choice, and supporting role

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1. What should a school system be like?

Learning experiences, instruction, administration, governance

Technology transformation, not integration

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1. What should a school system be like?

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2. How can we help a school system to redesign itself?

Ethical design processes.

Empower communities to design their future.

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Need for interdisciplinary collaboration

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Need for intensive, sustained efforts in schools

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Implications for 21st Century Teachers, CRLT (CEE), Policy Center, the charter schools initiative, and much more

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How should preservice teacher education change?

Content

Methods (PT3, small TE programs)

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How should preservice teacher education change?

Content

Methods (PT3, small TE programs)

How should inservice teacher education change?

Sustained, customized

Coordinated with service activities

3. Implications for the IU SoE

... to become the leading school of education in the country.