Chapter One

What is an Expert Teacher?

• Two Critical Questions
  – How do experts differ from nonexperts?
  – Why is Reflective Thinking important to the development of expertise?
  – Try to develop a list of important qualities that represent expert teaching.
Characteristics of Expert Teachers

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Characteristics of Expert Teachers—(cont’d)

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Expert Teachers

• Expert teachers
  – Have a broad base of knowledge and experience
  – Can motivate students
  – Can manage behavior
  – Are creative and reflective

Remember...

• Reflecting on your teaching and knowing behaviors that work are only part of the whole "Expert" picture.

• People become expert teachers. They are not the product of sudden insight.
Expert Teachers have Expert Knowledge

- Expert teachers have gained greater knowledge through their experiences.

- Experts
  - Deep Structure

- Novices
  - Surface Structure

Types of Expert Knowledge

- Content Knowledge
- Pedagogical Knowledge
- Pedagogical-content Knowledge
Knowledge about the Teaching Context

- Expert teachers...
  - can compete effectively for limited school resources.
  - can “work the system” to obtain needed services for their children.

Expert Teachers are Efficient

- Experts automatize well-learned skills.
- Experts have an organized body of knowledge
Planning, Monitoring, and Evaluating

- Metacognition - thinking about thinking.
- What are the effects of metacognition and automated basic skills on teaching?

Experts Have Creative Insight

- Experts frequently redefine a problem, providing insightful solutions.
- Three key ways experts think about problems:
  - Relevant versus irrelevant information
  - Recognize important combinations of information
  - Application of information learned in another context
Implications for Teaching?

Characteristics of Expert Students

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Expert Students

• How would you help students develop expertise?