

**The New Division  
Of Labor;  
How Computers Are  
Creating the Next Job  
Market**

Frank Levy and  
Richard J. Murnane  
Princeton University Press  
2004

“Computers have not created mass unemployment, but they have created a major upheaval in the nature of human work.” Pg. 2

We must rethink education and training beginning with answering these four fundamental questions:

- 1) What kinds of tasks do humans perform better than computers?
- 2) What kinds of tasks do computers perform better than humans?
- 3) In an increasingly computerized world, what well-paid work is left for people to do both now and in the future?
- 4) How can people learn the skills to do this work?

Pg 2

## Data Wise Improvement Process

### PREPARE:

- Set up a data team and take stock of existing data.
- Identify assessment literacy elements critical to interpreting test results correctly.

### INQUIRE:

- Construct graphic displays to readily identify patterns in the results of standardized tests.
- Look at student work in multiple data sources with the goal of identifying and understanding a student learning problem.
- Understand what current practice looks like and how it relates to effective practice for the student learning problem.

### ACT:

- Develop assessment strategy and action plan at same time to assess whether students are learning more.
- Implement action plan and evaluate effectiveness of the implementation as well as the effectiveness of the strategies themselves.

Once around the improvement cycle:

- Celebrate success
- Revisit criteria
- Raise the bar
- Plan how to keep the work fresh and ongoing

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