

# Quantitative Literacy Numeracy

Reading, 'Riting, 'Rithmetic

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# Types of Quantitative Literacy

Inert

Liberating

Changes over time

Examples in which quantitative  
issues arise

# Importance of Numeracy

- Individual freedom to achieve success: Equity
- Economic Competitiveness
- Democracy: educated citizens

An innumerate citizen is as  
vulnerable today as the illiterate  
peasant of Gutenberg's time. (Steen)

# Math vs. Numeracy

A) Simplified numbers, straightforward procedures, sophisticated abstract concept, no context

B) real data,  
uncertain procedures using elementary math,  
in context

Numeracy involves new topics:

- data

- statistics

- graphs, charts

- within a wide variety of contexts

Robust knowledge is transferable

Numeracy Across the Curriculum