

Name:

Organization:

Position:

Site Visit: Mapleton Early College, Denver, CO

Date: February 18, 2009

Creating and Sustaining a Culture of Numeracy

Guiding Principles

1. Numeracy, along with literacy, is a co-equal building block of human intellectual prowess. (Capacity)
2. Numeracy is everybody's business and pervades a school's culture. (Community)
3. All students can and must develop numeracy skills and dispositions and become powerfully numerate. (Inclusion, Attitude & Rigor)
4. Numeracy is developed by learning beyond just mathematical procedures; these procedures must be embedded in guided, open quests; explorations and investigations. (Creativity & Collaboration)
5. Numeracy connotes a familiarity and confidence with notions of change, chance, quantity, shape, and dimension. (Content)
6. Relevance and connections – real-world, cross-discipline and within mathematics, are the cornerstones to developing numeracy skills. (Context & Connections)

7. The development of numeracy skills requires an integration of effective communication, both written and oral. (Communication)

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(Capacity)**

Evidence:

Opportunities:

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