



## Creating and Sustaining a Culture of Numeracy in Our High Schools

This resource overview provides information on tools and resources shared and developed by the AHSI Math & Quantitative Reasoning Workgroup and how they can be easily accessed. In particular, the critical friends/site visit process developed as part of the School Numeracy Enhancement Initiative (SNEI), utilizing Mixed Intermediary Numeracy Teams (MINT) may be most useful to educational organizations looking to develop a stronger culture of numeracy in their schools.



### Member Organizations

- Association for the Advancement of Mexican Americans
- Big Picture Learning
- Black Alliance for Educational Options
- Communities in Schools
- Diploma Plus
- Edvisions
- Gateway to College
- Good Shepherd
- Street School Network
- See Forever
- Youth Build USA
- National League of Cities

For more information about the Alternative High School Initiative and to retrieve electronic copies of the documents referenced in this resource overview visit [www.ahsi.org](http://www.ahsi.org)

**Summary:**

Since February 2008, a fluid collection of knowledgeable and dedicated educators representing all AHSI intermediary organizations have collectively worked together on a unified mission. This mission, to develop a culture of numeracy in our high schools, provided the impetus for the creation of a collection of products and processes geared towards school improvement, specifically targeting numeracy. With the focused intent to bring the work to the school level, two in-depth Mixed Intermediary Numeracy Team (MINT) site visits were organized and facilitated. These comprehensive visits provided critical friends support to the host schools while engaging MINT participants in a unique and meaningful professional development experience. Each experience was well documented and may serve as a concrete example for schools and organizations looking to replicate the process.

**Desired Result/Focus of the AHSI Math/QR Workgroup:**

*To develop a culture of numeracy in our high schools with a focus on: interdisciplinary/cross-curricular approaches, social/emotional development & school environment.*

**Key Numeracy Resources Created by the AHSI Math/QR Workgroup:**

The following are easily accessible online via the AHSI web site at [www.ahsi.org](http://www.ahsi.org) and under the Math/Quantitative Reasoning folder on iBackup: User Name: **ahsi** Password: **ahs111**

- *Creating and Sustaining a Culture of Numeracy in Our High Schools* – a collaborative concept paper intended to serve as a call to action to create strong cultures of numeracy
- School Numeracy Enhancement Initiative (SNEI) – suggested process for utilizing Mixed Intermediary Numeracy Teams (MINT) to serve as critical friends for school improvement.
- MINT Data Gathering Tool – recording tool designed to record **evidence** and **opportunities** related to the 7 Guiding Principles outlined in the numeracy concept paper
- Comprehensive documentation (including support documents) related to MINT visits to Mapleton Early College in Denver, CO (a Big Picture school) and Harlem Renaissance High School in New York, NY (a Diploma Plus school)

Additional numeracy resources collected and referenced by the Math/QR workgroup may be found under the Math/Quantitative Reasoning folder on iBackup.

**Additional Information:**

For further information regarding the AHSI Math/QR workgroup, please contact AHSI Director Talmira Hill at [Talmira.ahsi@gmail.com](mailto:Talmira.ahsi@gmail.com).



## Acknowledgements

The documents noted in this resource overview were collaboratively collected, conceptualized, and created by the AHSI Math & Quantitative Workgroup. In addition, Mixed Intermediary Numeracy Team (MINT) members participating in the Mapleton Early College and Harlem Renaissance site visits were instrumental in piloting an in-depth process developed as part of the School Numeracy Enhancement Initiative (SNEI).

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