



CCSSO's
National Virtual
Learning Magnet
For
Space Science and
Mathematics



N.B:

This is a “virtual learning magnet”

Not a

“virtual magnet *school*”



Goals

- Provide the opportunity for the best learning opportunities to any student in any school in any state
- Use highly relevant, authentic content
- Provide a vehicle for transition to new structures for learning

Elements of the Compact

- Performance-based credentialing
- Common suite of assessments
- Understanding of “chaordic” approach



Unique Curricular Elements



- Nontraditional course design
- Harvesting of existing content into a standards-based shell
- Expanding module repository via social authoring



Additional unique elements

- Deconstructed content, competencies and skills
- Embedded opportunities for student control and choice whenever appropriate
- Dynamic Learning Management System to track student progress and module effectiveness.
- Independent Student Experience based on successive NASA missions as a vehicle for documenting 21st Century skills
- Links to post-secondary opportunities
- Links to business and professional sector partners



Timeline

- NASA unsolicited proposal support:
January – December 2008
- Phase I – Course design, content harvesting,
feedback
 - January – May 2008
- Phase II – Beta implementation with students:
Fall Semester 2008
(approximately 500 students from 10 – 15 states)



- Student eligibility
 - Broadband home or school access
 - Lexile level (1000)
 - Mathematics level (Alg. ii)
- Possibility of state contribution to start up costs



A Few Initial Implications

Time and Credentialing

Standards and Assessments – common
(inter)national expectations

Teacher issues – who can cause learning

Finances – pay for learning and causing learning

Other



“The Future’s Ours . . .
If We Can Free It!”