

STEM Task Force

Higher Education Sector

Sector Group Ideas

December 19, 2006

- Raising teacher standards for MA/MS for STEM disciplines
 - Innovative approach to Ph.D.
 - Middle School
- Differential pay for STEM educators
- Value STEM educators by raising awareness of need with public relations extended to parents
- Clearinghouse of successful STEM programs
- Modify KEES giving incentives to STEM disciplined students/ use ACT
- Increase access to distance learning upper level Math/Science for all secondary students
- Dual Tenure Track
- Factor in cost of best practice into institutional business plans
- Utilize your best teaching faculty with Education vs Research Faculty Tracts
- Improve teacher quality through STEM teacher education programs and STEM in-service
- Raise standards in STEM content areas in secondary education
- Use distance learning/ technology for professional development
- Consider the development of Professional Science Masters (PSM) in Kentucky