

**Comparisons of the  
Department of Education and National Science Foundation  
Math and Science Partnership Programs**

<b>Program Requirements</b>	<b><i>No Child Left Behind</i> Math and Science Partnership Program</b>	<b>National Science Foundation Math and Science Partnership Program</b>
Summary	Designed to provide the needed assistance to high need local school districts to improve math/science teaching and student achievement	Designed to develop and distribute innovative materials and practices to increase the capacity of state and local educators and improve math/science achievement
Authorization	\$450 million	\$400 million by FY 2005
Appropriations History	FY 2002 \$12.5 million FY 2003 \$100.4 million FY 2004 \$149.1 million FY 2005 \$178.6 million	FY 2002 \$160 million FY 2003 \$126.7 million FY 2004 \$139.2 million FY 2005 \$79.8 million
FY 2006 Funding Request	\$269 million (Includes 120 million for High School Math Initiatives)	\$60 million
Funding mechanism	<ul style="list-style-type: none"> <li>• Under \$100 million: Competitive grant</li> <li>• Over \$100 million: Formula to all states</li> </ul>	<ul style="list-style-type: none"> <li>• Competitive Grant</li> </ul>
Eligibility	All states and local school districts in the state when distributed by formula, otherwise by application to the Secretary	State and local school districts that successfully apply as partners to NSF
Partnerships	<p>Mandatory partners:</p> <ul style="list-style-type: none"> <li>• High-need local school district(s)</li> <li>• College/university math, engineering, or science department</li> <li>• State education agency, if funding under \$100 million</li> </ul> <p>Optional: Businesses, business trade associations and nonprofits.</p>	<p>Mandatory partners:</p> <ul style="list-style-type: none"> <li>• Any local or regional school district</li> <li>• Any higher education institution</li> <li>• College/University math, science, engineering department</li> </ul> <p>Optional: businesses, business associations and nonprofits.</p>
Requirements	Partnership must perform a needs assessment for teacher quality, curriculum, instructional materials, etc., to ensure that resources are directed to meet the needs of the school districts	<p>Needs assessment to include:</p> <ul style="list-style-type: none"> <li>• Assessment of current curriculum</li> <li>• College/University capability, history of K-12 involvement</li> </ul>
Permissible activities	Flexible – based on the assessment and identified needs of the local school district to maximize their impact	Activities are prescribed by NSF, must include capacity to introduce/sustain comprehensive math/science education reforms, or targeted elements of math and science needs.