Center for School Improvement

Susan Tave Zelman
Superintendent of Public Instruction

Stephen Barr
Associate Superintendent

OHIO CORE GRANT PROGRAM

BUILD TEACHER CAPACITY - MATHEMATICS		
	Amount of money used on this strategy	**Output measure**
1. Conduct an external evaluation of the curriculum in grades 4-8 to determine alignment with the state curricular requirements in grades 9-12. Based on the evaluation findings, develop a plan for making changes to the middle school curriculum to ensure that all students are prepared for a rigorous high school mathematics course by grade 9.	**$ Amount**	**Changes planned by subject and grade level, and year to be implemented**
2. Provide intensive professional development for middle school teachers in mathematics content and pedagogy specific to the middle grades.	**$ Amount**	**# of PD participants funded**
3. Provide intensive professional development for secondary teachers designed to strengthen instruction in advanced algebra.	**$ Amount**	**# of PD participants funded**
4. Provide funding support to teachers seeking to obtain the P-6 Mathematics Specialist Endorsement.	**$ Amount**	**# teachers earning endorsement**
5. Provide support to teachers pursuing the Advanced Placement mathematics teaching credential.	**$ Amount**	**# of teachers earning credential**
BUILD TEACHER CAPACITY - SCIENCE		
6. Conduct an external evaluation of the curriculum in grades 4-8 to determine alignment with the state curricular requirements in grades 9-12. Based on the evaluation findings, develop a plan for making changes to the middle school curriculum to ensure that all students are prepared for a rigorous high school science course by grade 9	**$ Amount**	**Changes planned by subject and grade level, and year to be implemented**

25 South Front Street, Mail Stop 401 Columbus, Ohio 43215-4183
Telephone 614/466-5834 • Fax 614/995-3869
www.ode.state.oh.us

7. Provide intensive professional development in: ▪ Middle school science content and pedagogy to assure students are prepared for more rigorous high school science. ▪ High school physical sciences, Earth and space sciences, chemistry and physics to enhance teacher content knowledge and strengthen inquiry-based instructional approaches.	**$ Amount**	**# of PD participants funded**
8. Train teachers to implement research-based middle school or high school science curricular materials proven effective with students similar to those in the school.	**$ Amount**	**# of teachers trained**
9. Provide support to teachers pursuing the Advanced Placement science teaching credential.	**$ Amount**	**# of teachers earning credential**
10. Develop science curriculum around an Ohio High School Science Program Model that meets the need of the school/district.	**$ Amount**	**Proposed implementation year**
MATH AND SCIENCE TEACHERS RECRUITMENT AND RETENTION		
11. Provide financial incentives (e.g., hiring incentives, loan forgiveness, tuition waivers, retention bonuses, salary supplements) for mathematics or science teachers, and provide high-quality teacher mentoring and induction for mathematics or science teachers, especially career changers and those coming into teaching through alternative routes	**$ Amount**	**# math/science teachers receiving incentive by incentive type** **# of mentors/mentees in math or science**
12. Collaborate with institutions of higher education to recruit and fund scientists or mathematicians to teach science or math classes on a regular basis, and share instructor positions to meet increased enrollments in advanced high school mathematics and science courses.	**$ Amount**	**# of participants by degree type and licensure**
13. Collaborate with institutions of higher education to offer on-site programs for teachers seeking advanced degrees or expanded licensure in mathematics or science.	**$ Amount**	**# participants by (choose type: math or science)**

Student Intervention		
14. Provide intervention through targeted summer instruction, extended instructional time in ninth grade Algebra I (8-10 class periods a week), and mathematics labs attached to ninth grade Algebra I, for students who are below proficiency in mathematics at the end of the eighth grade.	**$ Amount**	**# of students receiving these intervention services by service type**
15. Provide intervention through summer instruction, extended instructional time in ninth/tenth grade physical sciences and biology, and science-related tutoring attached to foundational science courses, for students who are below proficiency in science.	**$ Amount**	**# of students receiving these intervention services by service type**
Other		
16. Districts may also propose other activities for use of these funds. Districts choosing this option shall describe those activities for review and approval by the Department of Education.	**Measure to be mutually agreed upon**	
Planning Grants		
17. Districts receiving the $2,000 allotment may use the funds for planning purposes, including recovering the cost of teacher release time in order to plan for the implementation of the Core Curriculum.	**Board adoption of plan**	