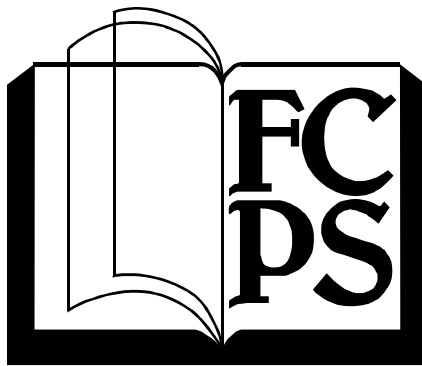


School-Based Programs: Middle School

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School-Based Programs: Middle School

Core Middle School Instruction Program

	FY 2005 Approved		FY 2006 Proposed	
	School-Based	Nonschool-Based	School-Based	Nonschool-Based
FT Salaries	\$90,861,278	\$425,464	\$92,825,003	\$506,445
PT Salaries and OT	3,189,305	317,468	3,476,028	504,803
Employee Benefits	27,414,230	151,513	29,988,403	200,781
Work Performed for Others	-199,278	0	-247,368	0
Operating Expenses	6,569,959	65,029	5,725,919	65,029
Total Cost	\$127,835,494	\$959,473	\$131,767,985	\$1,277,057
<i>Percent of Total</i>	99.3%	0.7%	99.0%	1.0%
Positions	1,720.1	6.0	1,691.2	7.0
Program Total	\$128,794,967		\$133,045,043	
Offsetting Revenue	\$0		\$0	
Net Cost	\$128,794,967		\$133,045,043	
Total Positions	1,726.1		1,698.2	
Number of Schools/Sites	25		26	
Number of Students Served	24,490		23,659	
Supporting Department	Instructional Services			
Mandates	Virginia State Standards of Quality Virginia State Standards of Accreditation			
Program Contact	Linda Whitfield			
Phone Number	703-846-8602			
Web site	www.fcps.edu/DIS/OMSI/index.htm			
Targets	2, 8			
Accountability Reporting Cycle	First Review: Fall 2002 Second Review: Fall 2004			

Description

The direct instructional programs include all disciplines in which instruction is required by the state or otherwise available to students throughout the school division:

English/Language Arts/Reading

The English program is designed to develop student competency in communication skills and knowledge of literature and grammar. The curriculum emphasizes literature, language study, the processes of reading, writing, speaking, listening, and viewing and integrates the use of technology for informational reading and writing strategies.

- Students acquire the content knowledge and process skills to ensure success with high school language arts

School-Based Programs: Middle School

Fine Arts

The fine arts consist of a variety of programs that provide every child in FCPS with a well-rounded, sequential, and comprehensive arts education. The Program of Studies reflects the essential knowledge as defined by the National Standards for Education in the Arts and The Fine Arts Standards of Learning for Virginia Public Schools.

- Students apply their knowledge and understanding of content and skill development in the arts through performance/production
- Students use cognitive skills and analytical thinking to develop the ability to evaluate performances and articulate preferences and choices. Connections with art forms in the community and the world are expanded.

Foreign Languages

Level 1 language students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. This communication is evidenced in all four language skills - listening, speaking, reading and writing - with emphasis on the ability to communicate orally and in writing. Students often begin their study of foreign language in middle school with the course entitled Introduction to Foreign Language. There is also a Middle School Immersion Transition Program designed to enable students to continue to develop their proficiency in the target language.

Health Education/Physical Education

Health and Physical Education offer planned, sequential curriculum that addresses the physical, mental, emotional, and social dimensions of health and provides cognitive content and learning experiences in a variety of activity areas such as basic movement skills; physical fitness, rhythm and dance; games; team, dual, and individual sports; tumbling and gymnastics.

- Students acquire the skills and information necessary to achieve and maintain a health-enhancing level of physical fitness and wellness
- Students acquire knowledge designed to enable students to make positive decisions about their health and well being

Mathematics

The mathematics program emphasizes the application of problem-solving strategies to mathematics learning and focuses on preparing all students for high school, credit-bearing courses. The program uses manipulatives, current technologies, and a variety of strategies and materials. The curriculum includes algebra, data analysis, geometry, measurement, and numerical reasoning.

- Students acquire the content knowledge and process skills to ensure success with high school mathematics

Science

The science program is laboratory-based and designed to prepare students for high school science classes using a variety of instructional materials, with an emphasis on hands-on science activities and experiments to learn concepts and inquiry skills. The seventh grade program focuses on dynamic relationships among organisms, populations and ecosystems, cellular organization and processes, heredity, and diversity. The eighth grade program focuses on establishing an in-depth understanding of the nature and structure of matter, energy transformation, the relationship of work, force and motion, and an exploration of the Sun-Earth-Moon system.

School-Based Programs: Middle School

- Students achieve a solid base of scientific knowledge in life science, physical/chemical sciences, and earth and space science to make determinations about how the world works
- Students apply scientific reasoning and processes to make informed decisions and to solve problems
- Students communicate scientific information effectively in several formats through a variety of resources
- Students design and conduct a scientific investigation to test a hypothesis

Social Studies

The focus for grade seven is United States History 1877 to the present, and the grade eight focus is Civics and Economics. Students use technology to access, retrieve, organize, analyze, and evaluate electronic information from a variety of sources, and to communicate understanding of social studies concepts, skills, and processes.

- Students gain skills, knowledge, and understanding that result from a comprehensive study of American history, geography, civics, and economics

The Middle School Core Program budget includes all the direct costs to operate 22 middle schools, the middle grades of 4 secondary schools (grades 7-8), and students in sixth grade at Glasgow, Holmes, and Poe Middle Schools along with 1 center and court schools. The number of classroom positions assigned to a middle school is determined by formulas approved by the School Board. Pupil-teacher ratios are not used to staff middle schools; the number of teachers assigned is calculated based on teacher load or the number of students a teacher instructs daily.

FCPS' middle schools are instructionally organized into interdisciplinary teams generally consisting of English, mathematics, science, and social studies teachers. A team of teachers shares a common instructional planning time and works with a group of approximately 130-140 students. The team plans for instruction based on the specific needs of the team students, implements consistent discipline, and shares common expectations for learning.

Explanation of Costs

The middle school core program budget represents 9.8 percent of the total operating budget. The middle school core program is \$133.0 million and 1,698.2 positions in FY 2006. The decrease in school-based positions is due to declining student membership. The addition of a 1.0 reading resource teacher is reflected in the FY 2006 nonschool-based positions. Funding for part-time and overtime totals \$4.0 million and is equivalent to 161.4 full-time positions. This funding consists primarily of substitutes for teachers and instructional staff, supplements for teachers, overtime and hourly funds for office assistants, bus drivers, and custodians. Textbook adoption funding is provided for NCLB-related instructional materials, and the FY 2006 budget also reflects additional staffing for the new South County Secondary School scheduled to open in September 2005.

Instructional material allocations provide funds for schools to obtain materials to support the curriculum and to replace unusable materials and books. These funds are used to purchase textbooks, lab books, trade books, paperbacks, art and music print materials, and a variety of instructional supplies such as consumable science materials, physical education equipment, computer software and supplies, fine and practical art supplies, maps and globes, graphing calculators, and mathematics manipulatives.

School-Based Programs: Middle School

The budget for the nonschool-based portion of the program is \$1.3 million and includes 7.0 positions. The middle school instruction team provides support to the instructional programs in all middle schools according to the specific needs of the schools including developing and revising curriculum to reflect School Board and systemwide priorities, state standards, and national research. The team provides teacher training for all new and revised instructional programs and the state testing program as well as training for and support of the integration of technology into all curricular areas. Staff development is provided in instructional strategies and methods to meet the needs of diverse student populations in middle schools.

School-Based Programs: Middle School

International Baccalaureate Middle Years Programme

	FY 2005 Approved		FY 2006 Proposed	
	School-Based	Nonschool-Based	School-Based	Nonschool-Based
FT Salaries	\$202,693	\$0	\$159,312	\$0
PT Salaries and OT	61,387	0	63,229	0
Employee Benefits	65,307	0	55,849	0
Operating Expenses	55,652	0	57,079	0
Total Cost	\$385,040	\$0	\$335,469	\$0
Percent of Total	100.0%	0.0%	100.0%	0.0%
Positions	3.0	0.0	3.0	0.0
Program Total	\$385,040		\$335,469	
Offsetting Revenue	\$0		\$0	
Net Cost	\$385,040		\$335,469	
Total Positions	3.0		3.0	
Number of Schools/Sites	6		6	
Number of Students Served	3,590		3,615	
Supporting Department	Instructional Services			
Mandates	None			
Program Contact	Carol Hardin			
Phone Number	703-846-8645			
Web site	None			
Targets	2, 3, 6, 8			
Accountability Reporting Cycle	First Review: Fall 2001 Second Review: Fall 2002 Final Review: Fall 2003 Evaluation: 2004 Follow-Up Review: Fall 2005			

Description

The International Baccalaureate Middle Years Programme (IBMYP) is offered in the following schools:

Glasgow Middle School	Stuart High School	Hughes Middle School
South Lakes High School	Whitman Middle School	Mount Vernon High School

IBMYP provides an academically challenging framework for students in grades 6 through 10. It provides a wide-based, educational curriculum with academic rigor that concentrates on the interdisciplinary relationships among eight subjects:

English	Mathematics	Humanities	Foreign Language
Science	Fine and Performing Arts	Physical Education	Technology

School-Based Programs: Middle School

The eight subjects are taught using five areas of interaction and as well as students participating in community service. The program culminates in grade 10 with a personal project of the student's choice. The IBMYP is a whole-school approach and prepares students for the IB diploma program.

Explanation of Costs

Funding for salaries and benefits reflect compensation adjustments. Part-time hourly funding in the amount of \$63,229 represents 2.6 full-time equivalent positions.

School-Based Programs: Middle School

Middle School Enrichment in Science and Writing Program

	FY 2005 Approved		FY 2006 Proposed	
	School-Based	Nonschool-Based	School-Based	Nonschool-Based
FT Salaries	\$0	\$0	\$0	\$0
PT Salaries and OT	0	0	0	0
Employee Benefits	0	0	0	0
Operating Expenses	0	0	0	0
Total Cost	\$0	\$0	\$0	\$0
<i>Percent of Total</i>				
Positions	0.0	0.0	0.0	0.0
Program Total	\$0		\$0	
Offsetting Revenue	\$0		\$0	
Net Cost	\$0		\$0	
Total Positions	0.0		0.0	
Number of Schools/Sites	2		2	
Number of Students Served	60		60	
Supporting Department	Instructional Services			
Mandates	None			
Program Contact	Linda Whitfield			
Phone Number	703-846-8602			
Web site	None			
Targets	2, 8			
Accountability Reporting Cycle	Not part of QPAS			

Description

The Middle School Enrichment in Science and Writing program provides year-round enrichment for underrepresented students with potential to qualify for admission to Thomas Jefferson High School for Science and Technology. The program has its main emphasis during the summer months with additional instruction provided on occasional Saturdays during the traditional school year. Those minority students identified for the program receive instruction in science and language arts that will enhance their potential for acceptance and successful academics at Thomas Jefferson.

Explanation of Costs

This new program was funded in FY 2005 with \$135,450 in carryover funding from the prior year. No funds have been budgeted for this program in FY 2006.

School-Based Programs: Middle School

Middle School Focus Programs

	FY 2005 Approved		FY 2006 Proposed	
	School-Based	Nonschool-Based	School-Based	Nonschool-Based
FT Salaries	\$384,685	\$0	\$460,409	\$0
PT Salaries and OT	39,408	0	40,590	0
Employee Benefits	118,047	0	150,528	0
Operating Expenses	<u>32,879</u>	<u>0</u>	<u>32,879</u>	<u>0</u>
Total Cost	\$575,018	\$0	\$684,405	\$0
<i>Percent of Total</i>	100.0%	0.0%	100.0%	0.0%
Positions	8.0	0.0	8.0	0.0
Program Total	\$575,018		\$684,405	
Offsetting Revenue	0		0	
Net Cost	\$575,018		\$684,405	
Total Positions	8.0		8.0	
Number of Schools/Sites	4		4	
Number of Students Served	3,390		3,498	
Supporting Department	Instructional Services			
Mandates	None			
Program Contact	Linda Whitfield			
Phone Number	703-846-8602			
Web site	None			
Targets	2, 8			
Accountability Reporting Cycle	First Review: Fall 2003 Second Review: Fall 2005			

Description

Focus schools offer special instructional opportunities to help individual schools explore new initiatives that would benefit student achievement and the school community. Additional instructional materials or staffing is provided to support these locally designed unique educational programs. The focus may reflect a special concentration in a particular discipline, the use of special materials, or a different method of delivering instruction that is supported by research to substantiate the effectiveness of the techniques, strategies, and materials used.

Explanation of Costs

Funding for salaries and benefits reflect increases due to compensation adjustments. Part-time hourly funding in the amount of \$40,590 represents 1.7 full-time equivalent positions.

School-Based Programs: Middle School

In FY 2006, FCPS will provide supplemental resources at 4 middle schools, enabling school-directed programs in a variety of areas, including fine arts, math, technology and reading, as shown on the following table:

Middle School	Focus	Students Served	FY 2006 Budget	Staff	
				Teachers	Other
Cooper	Integration of core curriculum with electives and Staff Development	953	\$68,435	1.0	0.0
Glasgow	Reading, Visual Arts, Math summer support, and Staff Development	1,213	482,308	5.5	0.0
Kilmer	Math, Science, and Technology	373	29,578	0.5	0.0
Whitman	Technology Integration and Staff Development	959	104,084	1.0	0.0
Totals		3,498	\$684,405	8.0	0.0

