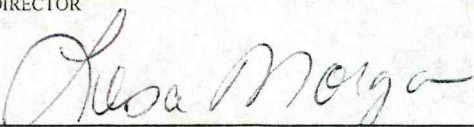


THE SCHOOL DISTRICT OF ESCAMBIA COUNTY Curriculum & Instruction/Human Resource Services/ Risk Management		SCHOOL BOARD AGENDA EXECUTIVE SUMMARY	
TITLE Jim C. Bailey Middle School Information Technology Academy		SUBMITTED BY: LESA MORGAN DIRECTOR, WORKFORCE EDUCATION	
PERIOD OF GRANT/CONTRACT/REQUEST Beginning with the 2012-13 school year	FUNDING SOURCE VOC FTE	PROJECT COORDINATOR AND DEPARTMENT MICHELLE L. TAYLOR WORKFORCE EDUCATION SPECIALIST	
AMOUNT OF FUNDING REQUEST – <i>Is amount more, less or same as last year?</i> <i>(Explain differences at end of Purpose section if additional space is required)</i> N/A – New career academy		TOTAL PROJECT – <i>Is amount more, less or same as last year?</i> Carl D. Perkins, Workforce Education Department, DOE grant and school-based funds	
PURPOSE To establish Information Technology Academy at Jim C. Bailey Middle School			
IMPLEMENTATION PLAN Recruit and enroll students interested in information technology. Design and implement curriculum that provides rigorous and relevant instruction in academic and technical areas and opportunities for students to earn industry certifications and high school credit. Provide in-service opportunities for staff to develop professional skills in order to deliver quality instruction. Collaborate with Next Generation Learning Community Information Technology Advisory Council to build partnerships with business community.			
PARTICIPATING SCHOOLS/AGENCIES Jim C. Bailey Middle School			
ACTION REQUIRED School Board Approval			
STRATEGIC ALIGNMENT – <i>Include number and definition of Pillar, Goal and Measurable Objective.</i> PILLAR: Quality GOAL: Q.1 To increase rigor at all levels MEASURABLE OBJECTIVE: Q.1.4. Increase the percent of participation in accelerated courses at the middle and high school levels. GOAL: Q.2 To improve attendance and discipline of students MEASURABLE OBJECTIVE: Q. 2.1. Create a culture of instruction that will result in increased attendance as measured by average daily attendance (ADA).			
DIRECTOR 		DATE 8/2/12	
ASSISTANT SUPERINTENDENT 		DATE 8/2/12	DATE OF BOARD APPROVAL



Workforce Education
Empower Your Mind

Escambia County School District
Middle School Career Academy Application



Jim C. Bailey Middle School Information Technology Career Academy

Directions: School administration shall be responsible for completion and submission of the application. Upon completion, the original shall be forwarded to the Director of Workforce Education. The application must address each of the following items:

1. Date: July 30, 2012
2. School: Jim C. Bailey Middle School
3. Principal: Dr. Judy Pippen
4. Name of proposed academy and school year for implementation: Jim C. Bailey Middle School Information Technology Academy, Implement 2012-2013
5. Academy's mission and goals:

Mission:

Jim C. Bailey Middle School (JBMS) envisions a safe and effective learning environment that promotes student achievement through effective cooperation and communication with families, teachers and administrators. Through JBMS Information Technology Academy, students will have opportunities to learn important, foundational, and transferrable computer skills that will prepare them to be successful in the workforce and instill in them the desire to be lifelong learners.

Premise Statement:

In developing a path towards a career, students will discover that the Microsoft Office Specialist (MOS) and Adobe Photoshop certification attainment demonstrates a level of expertise with technology programs. These information technology skills are transferable from the classroom, to the home, and to the workplace.

Academy Description:

The JBMS Information Technology Academy will encourage exploration of careers in four (4) of the sixteen (16) National Career Clusters—Arts, A/V Technology & Communication, Business, Management & Administration, Information Technology and Marketing, Sales & Services.

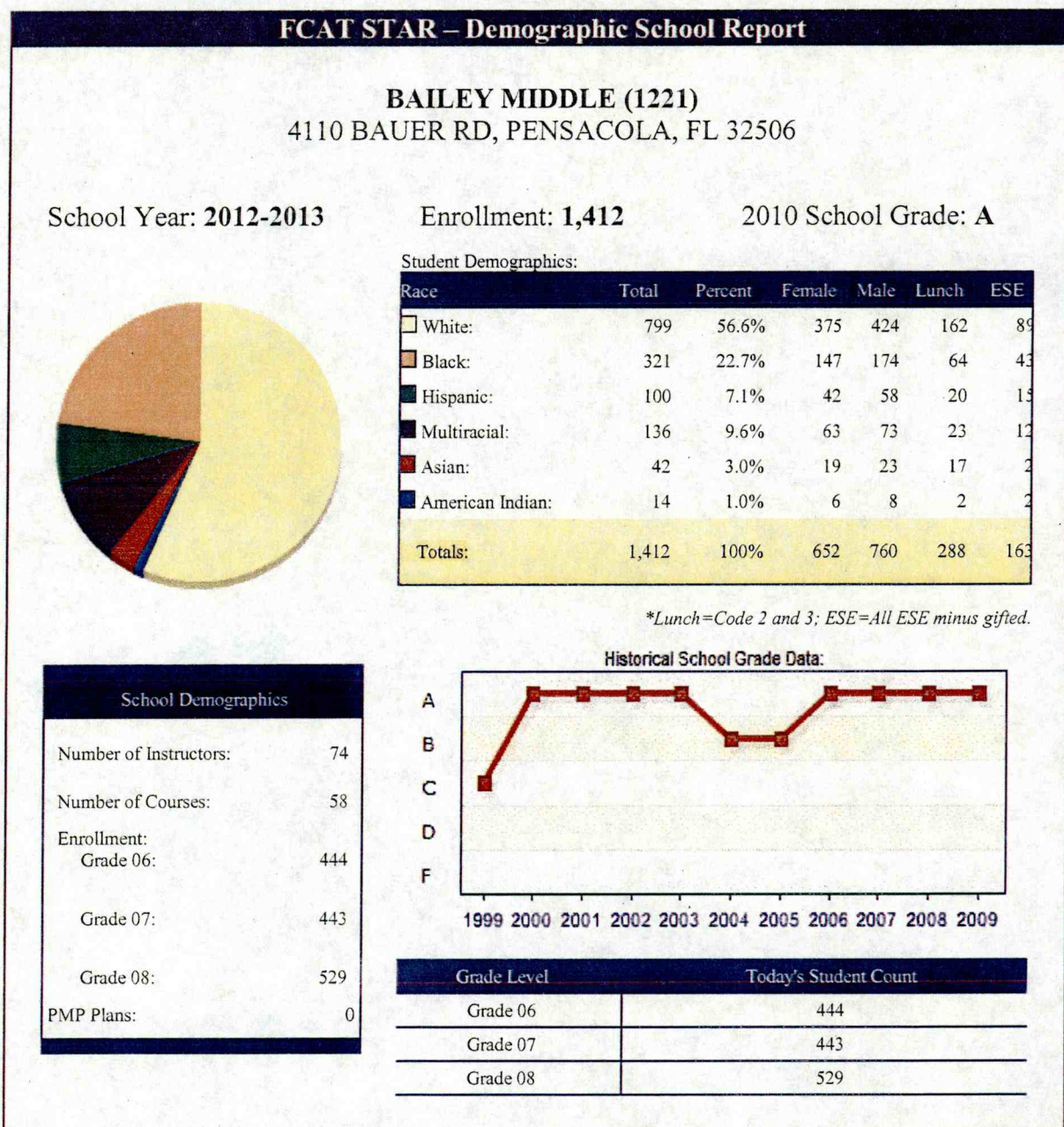
Middle school is a time to prepare the student for academic success at the high school level as well as provide opportunities for career exploration so the student can make better high school course selections; this academy will support these initiatives. JBMS eighth grade Information Technology Academy students will have the opportunity to complete the course Introduction to Information Technology (IIT) for high school credit.

Possible Culminating Activities & Goals:

Goals include practical experiences in computer applications in business, information technology career research, computer operating systems and software applications, digital communication and creativity skills needed in the world today.

The primary software to be utilized includes Microsoft Office 2010 and Adobe Photoshop.

6. Number of potential students for academy from residential school, including students survey results:



7. Name of district high school career academies in which the proposed middle school career academy students could apply for continuance of similar career-themed preparation:

Related High School Academies

Booker T. Washington High School
Web Design Services Academy

Escambia High School
Internet Marketing Academy

Northview High School
Graphic Arts Academy

Pensacola High School
Law and Public Service Academy

Pine Forest High School
Design Services Academy
New Media Academy

Tate High School
Multimedia/Communications Academy
Game, Simulation and Animation Programming Academy

West Florida High School
Academy of Information Technology
Multimedia Academy

8. Industry certifications associated with related high school career academies:

- Adobe Certified Associate – Photoshop
- Microsoft Office Specialist – Word, Excel, Outlook and PowerPoint

9. Postsecondary certificates and/or degrees associated with academy completers (possible dual enrollment and/or articulation).

JBMS IT Academy students will have the opportunity to earn high school credit while enrolled in middle school according to the District's Student Progression Plan.

Postsecondary opportunities include the following:

- George Stone Technical Center - <http://www.escambia.k12.fl.us/schscts/STOC/>
 - PC Support Services
 - Network Support Services
 - Network Systems Administrator
 - Administrative Assistant
- University of West Florida – (<http://www.cops.uwf.edu/dect/construction.htm>)
 - Communication Arts, BA (Telecommunications & Film)

- Information Technology Interdisciplinary (Digital Media)
- Pensacola State College - (<http://www.psc.edu/>)
- Multimedia Technology, MDIA-AAS (Digital Media/Multimedia Technology)

10. Academy contact (lead instructor) name, department, and telephone number and extension:

Patty Birgel
Business/Information Technology Teacher
(850) 492-6136 ext. 2908

11. List anticipated costs such as facility upgrades, equipment, materials/supplies, and personnel which are currently not on site.

The Business/Information Technology teacher is funded through the Florida Education Finance Program (FEFP) process. The JBMS IT Academy will operate in the same classroom as the current Business/Information Technology courses therefore limited facility and equipment upgrades are needed. Adobe Photoshop licenses will be transferred from a high school at no cost (because the high school is upgrading). Teacher training has begun and will continue for the new software. JBMS IT Academy received a "Middle School CAPE IT Career Academy Technical Assistance Demonstration Project" grant which fund the following:

- Microsoft Approved Courseware - value \$2,999
- Instructor resources and online exercises – value \$99
- Access to eLearning (Microsoft IT Academy Program)
- Site Licenses for G-Metrix (pre/practice assessment) – value \$2,000
- Five (5) free MOS certification exams + 20% off future exams
- Instructor's virtual training – value \$500

Additional resources needed include a Certiport Microsoft Office Specialist K-12 testing license (\$5,000, Carl D. Perkins funding) and Certiport Adobe Certified Associate K-12 testing license (\$3,200, school funds).

12. Funds that may be available for academy support (*including school, district, grants, and business funds*):

The IT Academy Technology Assistance Project Grant, Carl D. Perkins grant dollars, district Workforce Education Department funds, millage funds, and school-based funds will be used to support this academy.

13. Marketing plan for the academy (*including how academy will be marketed to students/parents and business/industry partners*):

Students who live within the JBMS attendance zone may apply for the academy by selecting one of the courses taught within the academy. JBMS is currently at enrollment capacity so students who reside outside of the JBMS attendance zone may not apply with the Office of School Choice to attend JBMS. If JBMS enrollment decreases, JBMS IT

Academy may be opened to district-wide school choice. Interested students and parents can learn more about the JBMS IT Career Academy from informational brochures as well as the JBMS and the Workforce Education website (<http://career.escambia.k12.fl.us>).

14. Academy Education Plan

a)

Grade	Course Title	Credits
Sixth	8200520 Computer Applications in Business 1	Semester
	0104000 M/J Exploring Art	Semester
Seventh	8200210 Computer Applications in Business 2	Semester
	0104010 Experiencing Art	Semester
	8500230 Personal Development & Career Planning	Semester
Eighth	8207310 Introduction to Information Technology	1 credit hour (HS)
	8200211 Computer Applications in Business 3	Semester
	8200212 Computer Applications in Business 4	Semester

Describe how the academy design will service all levels of students.

The Florida Department of Education curriculum frameworks will be the guide for each of the academy courses within the JBMS IT Career Academy.

In the sixth grade, academy students will enroll in one semester of Computer Applications in Business 1 and one semester of Exploring Art. The purpose of taking Computer Applications in Business 1 is to assist students in making informed decisions regarding their future academic and occupational goals and developing MS office skills. The content includes instruction in intermediate keyboarding, Word, PowerPoint, Excel, Outlook, and the Internet. These competencies provide the skills necessary to ensure increased productivity and efficient utilization of equipment. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices. The purpose of taking Exploring Art is to enable students to explore, produce and appreciate two- and three-dimensional works of art. Production activities may include drawing, painting, printmaking, sculpting and assemblage. The content will include the use of tools and materials; varied media, technology and processes; perception and observation; imagery and visual language; critical thinking and analysis; historical and cultural perspectives; connections between visual arts and other subject areas; personal benefits; cooperative skills and career opportunities.

In the seventh grade, academy students will enroll in Computer Applications in Business 2 and Experiencing Art. The purpose of taking Computer Applications in Business 2 is to assist students in making informed decisions regarding their future academic and occupational goals and further develop software skills focusing on Adobe Photoshop. The content includes instruction in intermediate keyboarding, Word, PowerPoint, Excel, Outlook and introductory digital design. These competencies provide the skills necessary to ensure increased productivity and efficient utilization of equipment. Instruction and learning activities are provided in a laboratory setting using hands-on

experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

The purpose of taking the Experiencing Art course is to enable students to experience varied two- and three-dimensional art appreciation and production activities with emphasis on design principles and craftsmanship. Production activities may include drawing, painting, printmaking, sculpting and assemblage. The content will include the following: use of tools and materials; varied media, technology and processes; perception and observation; imagery and visual language; composition and design; critical thinking and analysis; historical and cultural perspectives; connections between visual arts and other subject areas; personal and social benefits; careers and career opportunities; career planning and lifelong learning; cooperative skills and career opportunities.

In the eighth grade, academy students will enroll in Introduction to Information Technology or Computer Applications in Business 3 and 4.

The purpose of taking Introduction to Information Technology is to provide an introduction to information technology concepts and careers; basic web design concepts; as well as the impact information technology has on the world, people and industry. The content includes information technology career research and software applications with a focus on Microsoft Office industry certification attainment in Word, PowerPoint, Excel and Outlook. Project-based instruction is a key instructional strategy that will enable students to gain work-based experience.

The purpose of taking Computer Applications in Business 3 and 4 is parallel to Introduction to Information Technology, except the student will not earn high school credit.

The purpose of taking Personal Development and Career Planning is to assist students with the development of self-esteem, a personal value system and self-discipline by developing positive coping skills to deal with physical, emotional, intellectual and social changes in self and others. This course will include career exploration and educational planning using and will result in the completion of a personalized academic and career plan.

- b) List school-based career academy leadership team members (lead academy teacher, academic teacher(s), guidance counselor, and administrator).

Lead Academy Teacher: Patty Birgel

Academy Teacher(s): Blaire Hall, Tracey Burnett, Steve Szyndler, Kathy White

Guidance Counselor: Donna Imatt

Administration: Dr. Judy Pippen, Principal; Janet Penrose, Assistant Principal

Technology Coordinator: Fred Pippen

- c) Identify the academic courses to be used in cohort scheduling of career academy students. Describe strategies to be used to integrate the career and technical and academic career academy curriculum.

The JBMS IT Career Academy will focus on integrating art and technology. Students in the sixth and seventh grades will be involved in prefatory courses that will allow them to attain the skills to prepare them for success in the eighth grade classes. Scheduling options will be open for students to the greatest extent possible. For example, students who are interested in technology and have room in their schedules may take the academy courses and still participate in other elective opportunities. In addition, when appropriate, interdisciplinary projects will be planned and implemented involving language arts and other academic courses.

- d) Describe how the school will address recruitment of underrepresented student populations.

All career and technical programs are open to all students without regard to race, age, national origin, sex or handicapping condition. Access to career and technical education programs will be provided to special populations students through recruitment activities including the dissemination of information to parents and students about the availability of career and technical programs. To assist the school in serving special populations, the following strategies will be used to reach all students:

- School and district open houses, curriculum fairs and showcases
- Comprehensive career assessment and counseling
- Sixth-grade classroom presentations
- Parent group presentations
- ESE teachers

- e) Describe the professional development plan to support the academy model.

Staff development will be provided for the following:

- Art theory and practice
- MOS/Adobe training and industry certification
- Integrated curriculum development and project-based instruction
- Technology integration (digital camera, projector, etc.)
- Differentiated instruction

- f) Identify the business advisory council that will oversee the career academy.

Creative Data Concepts	On-Line Employment, Inc.
Global Business Solutions	Pensacola State College
Pensacola News Journal	Tata Business Solutions
Smart Horizons	CAT Country
Gulf Power Company	EW Bullock Associates
Mediacom	Florida Production Group, Inc.
Sacred Heart Health Systems	WUWF

As the instructional leader of Jim C. Bailey Middle School, I endorse this application for establishing the academy described above.

Principal's signature



Date

7-25-12

If the academy is approved, the principal shall be required to submit an annual progress report using the Career Academy Assessment.

Date of Academy Application Review:

8/2/12

(☒) Application approved as submitted

(☐) Application approved with required modifications
(see attached)

(☐) Application not approved

Review Committee Chair signature:

