

## Addressing Specific Student Groups

### Gifted and Talented Programs

#### 1. Goals, Objectives, and Strategies for the Gifted and Talented Program, Student Identification and Progress Made During 2009-2010

##### a. Pre-K to 2: Goals, Objectives, and Strategies

###### Goals

- To nurture critical and creative thinking, questioning skills, and problem solving in all students
- To avoid the limitations of traditional student achievement results that may not cross cultures
- To broaden teachers' awareness of and response to gifted expression in student thinking and work

###### Strategies

- Use the open-ended, highly engaging lessons of PTD: Primary Talent Development Program
- Conduct PTD training for all primary teachers (PreK-2)
- Include all students in grades PreK-2 in PTD.

##### b. Elementary (3-5)

###### Goals

- To identify students who academically excel on traditional measures and on PTD learning behaviors
- To provide differentiated opportunities for identified students' acceleration and enrichment within and beyond the school day while accelerating year 4 students beyond their grade level either by subject area or by an entire grade level

###### Strategies

- Implement new identification process in April 09 resulting in 31 students identified
- Conduct STEM programs conducted in grades 3-5
- Accelerate elementary students by grade (Total = 3)

##### c. Intermediate (6 & 7)

###### Goals

- To continue specialized programming for identified G/T students in core academics and areas of interest
- To provide enriched and accelerated learning opportunities for G/T students whose needs cannot be met through the regular classroom's differentiated instruction

###### Strategies

- Conduct Robotics class in grade 6

- Use the high tech facility to enhance students' acceleration and enrichment through project based assignments
- Use extra curricular activities to enhance students' acceleration and enrichment through specialized projects and competitions.

**d. Secondary (8-12)**

**Goals**

- To continue specialized programming for identified G/T students in core academics and areas of interest
- To provide enriched and accelerated learning opportunities for G/T students whose needs cannot be met through the regular classroom's differentiated instruction

**Strategies**

- Continued "honors" courses in Core Areas for identified students.
- Added AP Studio Art and AP English Language Composition
- Increased AP enrollment for 2011 by 23%
- Increased number of courses in Art and Music/Band

**2. Strategies Used to Make Progress**

**a. New curricula was implemented**

- Designed a curriculum for grade 3-5 identified students involving novel studies
- Designed a curriculum for grade 3-5 identified students involving STEM projects
- PTD training for all PreK-2 staff
- PD on the new curriculums for those staff in grades 3-5 who would be using the curriculum

**b. Additional strategies**

- Increased counseling efforts to encourage high school students to take AP courses.
- Enhanced students' acceleration and enrichment through project based assignments supported by teachers' high facility.

<b>CATEGORY</b>	<b>STRATEGY, PROGRAM, OR PRACTICE AND PROFESSIONAL DEVELOPMENT</b>	<b>FUNDING SOURCE, AND AMOUNT</b>
Staffing/Scheduling	Provide Honors Courses and AP courses	Source: Staff Time Amount: \$0
Stipends/Staff	Somerset County Schools provided exhibitions of student work.	Source: Staff Time Amount: \$0

<b>CATEGORY</b>	<b>STRATEGY, PROGRAM, OR PRACTICE AND PROFESSIONAL DEVELOPMENT</b>	<b>FUNDING SOURCE, AND AMOUNT</b>
Professional Development	Primary Talent Development Curriculum for grades PreK-2 staff	Source: Local Amount: \$721
Curriculum	Success maker Software	Source: Local Amount: \$4,800
Extra Curricular	Provided opportunities for visual arts, music and band, and drama after school	Source: Local Amount: \$6,404
Materials of Instruction	Robotics Class	Source: STEM Grant Amount: \$5000

**3. Challenges in meeting the Gifted and Talented goals and objectives:**

**a. Staffing issues prevent optimal implementation.**

- Staffing at the elementary schools continues to impact the delivery of services during the regular school day.
- Budget constraints have prevented the offering of extended school day opportunities.
- Changes in secondary staffing prevented the *Reading Rally* activity in grades 6-8.

**b. Elementary Stem Program was started, but not completed as planned.**

- February weather limited the completion of STEM projects with regard to the county planned competition.

**4. Changes or adjustments needed to ensure progress.**

- All elementary school schedules have been constructed to provide for consistent Universal Time which will be used to instruct identified students in the GT curriculums.
- Robotics at SIS will be extended into 7<sup>th</sup> grade
- A pre-engineering class will be offered at both high schools.

<b>CATEGORY ADJUSTMENT and TIMELINE</b>	<b>STRATEGY, PROGRAM, OR PRACTICE AND PROFESSIONAL DEVELOPMENT RESOURCE</b>	<b>FUNDING SOURCE, AMOUNT</b>
Robotics class extension Timeline: August 2010-June 2011	Curriculum/Materials	Materials Cost: \$6198 Source: FY 10 STEM Grant

<i>CATEGORY</i> ADJUSTMENT and TIMELINE	<i>STRATEGY, PROGRAM, OR PRACTICE AND PROFESSIONAL DEVELOPMENT RESOURCE</i>	<i>FUNDING SOURCE, AMOUNT</i>
Scheduling and staffing adjusted to allow for Universal Time at all 4 elementary schools  Timeline: August 2010-June 2011		Staffing  Cost: \$0 Source: Staff time
Pre-engineering class at each high school  Timeline: August 2009-June 2010	Materials	Materials  Cost: \$19,802 Source: FY 10 STEM Grant