

ORANGE COUNTY
BOARD OF EDUCATION

AGENDA ITEM ABSTRACT

Meeting Date: April 18, 2011

AGENDA ITEM No. 11-04-(2)-14

ACTION: (Y/N) N

SUBJECT: Academically/Intellectually Gifted (AIG) Program Report

INFO. CONTACT: Dr. Denise Morton/Ann Winer/Dr. Mary Calhoun PHONE: 919-732-8126

ATTACHMENTS:

1. AIG Plan Implementation Status Report
2. AIG Demographics
3. AIG Testing Program-Data Analysis

PURPOSE: To provide the Board of Education a report on the AIG programs in the Orange County Schools.

BACKGROUND: Orange County Schools has begun implementation of the newly revised AIG Plan that was approved by the Board of Education and NCDPI in June of 2010. The plan is comprised of 6 standards and over 52 practices. The standards include:

1. Student Identification
2. Differentiated Curriculum and Instruction
3. Personnel and Professional Development
4. Comprehensive Programming within Total School Community
5. Partnerships
6. Program Accountability

The AIG program currently serves 962 students in grades 3-12 based on unofficial spring headcount data figures from NCWISE. 853 students were served during the 2009-2010 school year.

A more detailed standard by standard status report is attached.

FINANCIAL IMPACT:

2010-2011 State Funding	\$341,467.00
2010-2011 Local Funding	<u>\$244,575.00</u>
2010-2011 Total Funding	\$586,042.00

*Funding is used to pay salaries and benefits for ten AIG teachers and one district coordinator as well as funding for materials, supplies and professional development.

RECOMMENDATION: The Superintendent recommends that the Board of Education receive for information the AIG program report.

Orange County Schools

AIG Plan Implementation by Status Report

Standard I: Student Identification

- The third grade aptitude sweep was implemented utilizing for the first time the Cognitive Abilities Test (CogAT) in January of this year.
- Third graders (who scored at the 99%ile on the CogAt) began receiving services this spring versus beginning next fall.
- The implementation of the use of the NNAT2 (Naglieri Nonverbal Aptitude Test) and Performance Based Assessments for students in K-2 and our least underserved K-8 population began being used during the fall of 2010.

Standard II: Differentiated Curriculum and Instruction

- Implementation of Renzulli Learning began this year in all elementary schools. This year, 1,822 elementary students have used Renzulli learning and created learning profiles.
- 6th graders received direct ELA services by the AIG Specialist this year providing for a smoother transition to middle school.
- The middle school AIG Specialists' implemented rigorous curriculum by Michael Clay Thompson in the 6th grade ELA class.
- All middle and elementary schools have utilized FPS (Future Problem Solving) this year.

Standard III: Personnel and Professional Development

- All elementary teachers were trained and provided Renzulli Learning professional development.

Standard IV: Comprehensive Programming within Total School Community

- Collaboration/Consultation Model: The AIG teachers are providing much needed collaboration during grade level PLC's. The AIG teachers are assisting with pre-assessments prior to beginning a unit of study and providing curriculum compacting for those students showing mastery.
- Elementary Direct Services: AIG teachers are providing small and large group instruction at the elementary level.
- Renzulli Learning provides easy access to differentiated instruction for all children.
- Utilization of the IOWA Acceleration Scale as part of the process to assist with determination of grade acceleration.

Standard V: Partnerships

- AIG Parent Informational meetings held at each Middle School yielded large attendance.
- AIG Specialists are communicating with parents frequently about the AIG program at their school.
- Newly created brochures: *Q and A for Parents; AIG in Orange County Schools; AIG Procedures to Resolve Disagreement with Gifted Program Options; About My Child; Performance Based Assessments*

Standard VI: Program Accountability

- Implementation of collecting data (for the 2011-2012 school year) on student progress through the Cluster Grouping Model.
- AIG Advisory Group meeting
- Development of AIG Parent Organization

ORANGE COUNTY AIG DEMOGRAPHICS 2009-2011

Summary by Ethnicity	2008-2009 OCS Total AIG	% of OCS Membership	2009-2010 OCS Total AIG	% of OCS Membership	2010-2011 OCS Total AIG	% of OCS Membership
American Indian/Alaskan Native	-		2	0.28%	3	0.41
Asian	11	1.58%	13	1.85%	9	1.25
Black or African American	38	5.40%	44	6.28%	53	7.41
Hispanic	17	2.40%	23	3.28%	42	5.87
Multi-Racial	21	3.00%	20	2.85%	21	2.93
White	719	10.30%	751	10.72%	834	11.66
N/A	1	0.10%	-			
Grand Total	807	11.59%	853	12.18%	962	13.45%

	North Carolina	Orange County
Percent of Total Students Identified as AIG for 2009-2010	12.17%	12.18%
Percent of Female Students identified as AIG 2009-2010	12.68%	6.15%
Percent of Male Students identified as AIG 2009-2010	12.19%	6.02%

*2010-2011 State AIG headcount data is unofficial at this time. NCDPI will provide the official headcount as of April 30, 2011.

AIG HEADCOUNT BY SCHOOL 2009 - 2011

	2009	2010	2011
CAMERON PARK ELEMENTARY	30	48	76
CENTRAL ELEMENTARY	6	8	12
EFLAND-CHEEKS ELEMENTARY	13	13	21
GRADY BROWN ELEMENTARY	25	26	36
HILLSBOROUGH ELEMENTARY	41	39	48
NEW HOPE ELEMENTARY	18	39	53
PATHWAYS ELEMENTARY	10	28	27
A.L. STANBACK MIDDLE	100	99	105
C.W. STANFORD MIDDLE	117	114	124
GRAVELLY HILL MIDDLE	82	81	79
CEDAR RIDGE HIGH	185	181	191
ORANGE HIGH	180	177	190
TOTALS	807	853	962

Orange County Schools
2008-2010 Academically Gifted Program - Elementary Schools
Student Growth - Reading

School	# AIG Reading 08-09	# AIG Reading 09-10	% High 08-09	% High 09-10	% Met 08-09	% Met 09-10	% Low 08-09	% Low 09-10
Cameron Park	19	34	15.79%	14.71%	63.16%	76.47%	10.53%	8.82%
4th Grade	8	20	12.50%	15.00%	87.50%	80.00%	0.00%	5.00%
5th Grade	11	14	18.18%	14.29%	45.45%	71.43%	18.18%	14.29%
Central	5	5	0.00%	20.00%	100.00%	80.00%	0.00%	0.00%
4th Grade	4	1	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%
5th Grade	1	4	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%
Efland Cheeks	7	8	0.00%	25.00%	85.71%	62.50%	14.29%	12.50%
4th Grade	3	4	0.00%	25.00%	66.67%	75.00%	33.33%	0.00%
5th Grade	4	4	0.00%	25.00%	100.00%	50.00%	0.00%	25.00%
Grady Brown	14	14	14.29%	28.57%	42.86%	71.43%	7.14%	0.00%
4th Grade	5	7	20.00%	14.29%	20.00%	85.71%	0.00%	0.00%
5th Grade	9	7	11.11%	42.86%	55.56%	57.14%	11.11%	0.00%
Hillsborough	31	24	29.03%	20.83%	54.84%	75.00%	6.45%	4.17%
4th Grade	12	11	25.00%	18.18%	41.67%	72.73%	16.67%	9.09%
5th Grade	19	13	31.58%	23.08%	63.16%	76.92%	0.00%	0.00%
New Hope	18	19	16.67%	21.05%	72.22%	73.68%	5.56%	5.26%
4th Grade	7	12	28.57%	8.33%	71.43%	91.67%	0.00%	0.00%
5th Grade	11	7	9.09%	42.86%	72.73%	42.86%	9.09%	14.29%
Pathways	15	14	26.67%	0.00%	40.00%	78.57%	6.67%	21.43%
4th Grade	3	9	33.33%	0.00%	33.33%	100.00%	0.00%	0.00%
5th Grade	12	5	25.00%	0.00%	41.67%	40.00%	8.33%	60.00%
District	109	118	19.27%	17.79%	59.63%	74.58%	7.34%	7.63%
4th Grade	42	64	19.05%	14.06%	59.52%	82.81%	7.14%	3.13%
5th Grade	67	54	19.40%	22.22%	59.70%	64.81%	7.46%	12.96%

Orange County Schools
2008-2010 Academically Gifted Program - Elementary Schools
Student Growth - Mathematics

School	# AIG Math 08-09	# AIG Math 09-10	% High 08-09	% High 09-10	% Met 08-09	% Met 09-10	% Low 08-09	% Low 09-10
Cameron Park	19	27	21.05%	22.22%	68.42%	77.78%	0.00%	0.00%
4th Grade	7	13	42.86%	15.38%	57.14%	84.62%	0.00%	0.00%
5th Grade	12	14	8.33%	28.57%	75.00%	71.43%	0.00%	0.00%
Central	5	6	0.00%	16.67%	100.00%	66.67%	0.00%	16.67%
4th Grade	4	3	0.00%	0.00%	100.00%	66.67%	0.00%	33.33%
5th Grade	1	3	0.00%	33.33%	100.00%	66.67%	0.00%	0.00%
Efland Cheeks	13	7	15.38%	28.57%	76.92%	42.86%	7.69%	28.57%
4th Grade	6	3	0.00%	33.33%	100.00%	33.33%	0.00%	33.33%
5th Grade	7	4	28.57%	25.00%	57.14%	50.00%	14.29%	25.00%
Grady Brown	22	18	9.09%	22.22%	77.27%	72.22%	4.55%	5.56%
4th Grade	11	8	18.18%	25.00%	72.73%	62.50%	9.09%	12.50%
5th Grade	11	10	0.00%	20.00%	81.82%	80.00%	0.00%	0.00%
Hillsborough	34	27	29.41%	14.81%	52.94%	77.78%	14.71%	7.40%
4th Grade	17	11	47.06%	27.27%	41.18%	72.72%	11.76%	0.00%
5th Grade	17	16	11.76%	6.25%	64.71%	81.25%	17.65%	12.50%
New Hope	21	29	42.86%	34.48%	52.38%	65.52%	0.00%	0.00%
4th Grade	12	18	41.67%	38.89%	58.33%	61.11%	0.00%	0.00%
5th Grade	9	11	44.44%	27.27%	44.44%	72.72%	0.00%	0.00%
Pathways	19	14	15.79%	35.71%	73.68%	57.14%	10.53%	7.14%
4th Grade	8	6	25.00%	50.00%	75.00%	50.00%	0.00%	0.00%
5th Grade	11	8	9.09%	25.00%	72.73%	62.50%	18.18%	12.50%
District	133	128	22.56%	25.00%	66.17%	69.53%	6.77%	5.47%
4th Grade	65	62	30.77%	29.03%	64.62%	66.13%	4.62%	4.84%
5th Grade	68	66	14.71%	21.21%	67.65%	72.72%	8.82%	6.06%

Orange County Schools
 2008-2010 Academically Gifted Program - Middle Schools
 Student Growth - Reading

School	# AIG Reading 08-09	# AIG Reading 09-10	% High 08-09	% High 09-10	% Met 08-09	% Met 09-10	% Low 08-09	% Low 09-10
A L Stanback	110	81	22.73%	14.81%	67.27%	74.07%	10.00%	11.11%
6th Grade	37	20	13.51%	20.00%	72.97%	70.00%	13.51%	10.00%
7th Grade	29	32	24.14%	6.25%	68.97%	81.25%	6.90%	12.50%
8th Grade	44	29	29.55%	20.69%	61.36%	68.97%	9.09%	10.34%
CW Stanford	98	98	26.53%	28.57%	65.31%	63.27%	7.14%	8.16%
6th Grade	29	31	27.59%	6.45%	62.07%	74.19%	10.34%	19.35%
7th Grade	36	33	22.22%	48.48%	69.44%	48.48%	8.33%	3.03%
8th Grade	33	34	30.30%	29.41%	63.64%	67.65%	3.03%	2.94%
Gravelly Hill	67	68	22.39%	8.82%	73.13%	80.88%	4.48%	10.29%
6th Grade	19	22	26.32%	9.09%	68.42%	77.27%	5.26%	13.64%
7th Grade	23	22	13.04%	0.00%	82.61%	86.36%	4.35%	13.64%
8th Grade	25	24	28.00%	16.67%	68.00%	79.17%	4.00%	4.17%
District	275	247	24.00%	18.62%	68.00%	71.66%	7.64%	9.72%
6th Grade	85	73	21.18%	10.95%	68.24%	73.97%	10.59%	15.07%
7th Grade	88	87	20.45%	20.69%	72.73%	70.11%	6.82%	9.20%
8th Grade	102	87	29.41%	22.99%	63.73%	71.26%	5.88%	5.75%

Orange County Schools
2008-2010 Academically Gifted Program - Middle Schools
Student Growth - Math

School	# AIG Math 08-09	# AIG Math 09-10	% High 08-09	% High 09-10	% Met 08-09	% Met 09-10	% Low 08-09	% Low 09-10
A L Stanback	98	73	15.31%	10.96%	76.53%	79.45%	8.16%	9.59%
6th Grade	28	23	17.86%	13.04%	64.29%	73.91%	17.86%	13.04%
7th Grade	26	23	23.08%	8.69%	73.08%	82.61%	3.85%	8.70%
8th Grade	44	27	9.09%	11.11%	86.36%	81.48%	4.55%	7.41%
C W Stanford	97	102	19.59%	19.61%	74.23%	69.61%	5.15%	10.78%
6th Grade	31	34	19.35%	8.82%	77.42%	76.47%	3.23%	14.71%
7th Grade	36	33	22.22%	21.21%	72.22%	66.67%	5.56%	12.12%
8th Grade	30	35	16.67%	28.57%	73.33%	65.71%	6.67%	5.71%
Gravelly Hill	70	67	10.00%	34.33%	82.86%	65.67%	7.14%	0.00%
6th Grade	18	21	0.00%	28.57%	88.89%	71.43%	11.11%	0.00%
7th Grade	26	20	11.54%	30.00%	80.77%	70.00%	7.69%	0.00%
8th Grade	26	26	15.38%	42.31%	80.77%	57.69%	3.85%	0.00%
District	265	242	15.47%	21.07%	77.36%	71.49%	6.79%	7.44%
6th Grade	77	78	14.29%	15.38%	75.32%	74.36%	10.39%	10.26%
7th Grade	88	76	19.32%	19.74%	75.00%	72.37%	5.68%	7.89%
8th Grade	100	88	13.00%	27.27%	81.00%	68.18%	5.00%	4.55%

Orange County Schools
2009-2010 Academically Gifted Program - High Schools
Student Growth - End-of-Course Classes

District	# AIG	% High	% Met	% Low
English I	115	26.09%	69.57%	4.35%
Algebra I	21	61.90%	33.33%	4.76%
Geometry	79	59.49%	40.51%	0.00%
Algebra II	67	64.18%	29.85%	5.98%
Biology	80	21.25%	66.25%	12.50%
Civics & Economics	80	38.75%	56.25%	5.00%
US History	74	14.86%	67.57%	17.57%
Physical Science	4	100.00%	0.00%	0.00%

**Orange County Schools
2009-2010 Academically Gifted Program - High Schools
Student Growth - End-of-Course Classes**

	# AIG	% High	% Met	% Low
Cedar Ridge				
English I	66	30.30%	66.67%	3.03%
Algebra I	14	64.29%	28.57%	7.14%
Geometry	46	56.52%	43.48%	0.00%
Algebra II	28	64.29%	32.14%	3.57%
Biology	33	21.21%	66.67%	12.12%
Civics & Economics	34	38.24%	55.88%	5.88%
US History	35	11.43%	71.43%	17.14%
Physical Science	2	100.00%	0.00%	0.00%

**Orange County Schools
2009-2010 Academically Gifted Program - High Schools
Student Growth - End-of-Course Classes**

	# AIG	% High	% Met	% Low
Orange				
English I	49	20.41%	73.47%	6.12%
Algebra I	7	57.14%	42.86%	0.00%
Geometry	33	63.64%	33.36%	0.00%
Algebra II	39	64.10%	28.21%	7.69%
Biology	47	21.28%	65.96%	12.77%
Civics & Economics	46	39.13%	56.52%	4.35%
US History	39	17.95%	64.10%	17.95%
Physical Science	2	100.00%	0.00%	0.00%