



Academically Gifted Program (AGP)

Board of Education
December 6, 2012

Academically Gifted Children

- Estimated 3- 4% of population are truly gifted
- Term gifted is over used and over prescribed
- Typically a gifted student is well beyond his/her peers in reading and math
- We administer the Cognitive Abilities Test (CogAT) to all 3rd grade students
 - The exam has three test batteries:
 - Verbal, Quantitative, Non verbal
 - Each battery receives a separate score and one ***weighted*** composite score is also calculated.

What is on the test?

- Verbal
 - Verbal classification
 - Sentence completion
 - Verbal Analogies
- Quantitative
 - Quantitative relations
 - Number series
 - Equation building
- Non-Verbal
 - Figure classification
 - Figure Analogies
 - Figure Analysis

Sample Questions

- Verbal classification:
Q- yogurt, cream, butter
a) cheese b) drink c) dairy d) protein
e) grocery
- Equation building:
Q- 3, 8, 10, x +
a) 3 b) 37 c) 36 d) 33 e) 38
- Figure analysis:

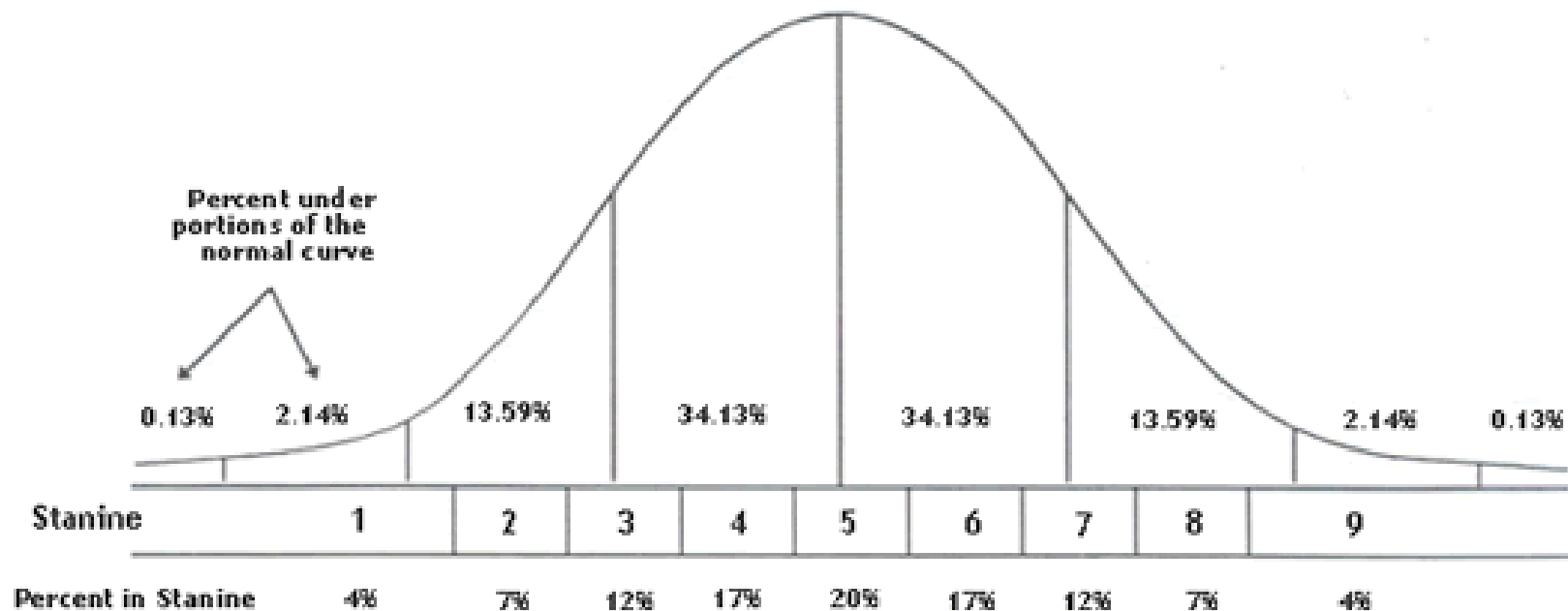


Current Admission Criteria

- Most districts establish admission based on a Composite score of 130 or higher (9th Stanine)
- In Mineola we will consider individual battery scores in addition to the composite. This can result in a large range of abilities in AGP.

Figure 2

The dimensions contained in the evaluation are measured by the Stanine System. This system of measurement incorporates a line broken into nine standard sections. The nine Standardized sections can be compared to the Bell Curve of the general population, as shown in the illustration below. A score in the 1-3 stanine range equates to the bottom one-third of the population on the curve; a score in the 4-6 range equates to the mid-range of the population on the curve, and a score in the 7-9 range equates to the upper one-third of the population on the curve



Approximate Percentile Rank Range	Composite Score Range		Descriptor
	Stanine	Examinees	
96 - 99	9	4%	High
89 - 95	8	7%	Well above average
77 - 88	7	12%	Above average
60 - 76	6	17%	Somewhat above average
41 - 59	5	20%	About average
24 - 40	4	17%	Somewhat below average
12 - 23	3	12%	Below average
Current 3rd Grade			7%
Average Percent	Stanine	Composite	4%
60	6	103.9	low

Current 3rd Grade

Average Percent	Stanine	Composite
60	6	103.9

Current Enrollment

Grade	AGP	Total Grade	% of grade	Range of Verbal scores	Range of Non-Verbal scores	Range of Quantitative scores	Range of Composite scores
4	22	212	10.4	102-140	94-150	85-140	105-141
5	18	194	9.3	103-128	92-134	103-142	105-138
6	21	183	11.5	109-139	108-141	102-139	113-145
7	30	202	14.8	94-143	93-135	46-150	104-142

Current third grade:

9 students out of 216 (4.1%) are in the 9th Stanine

Curriculum

- Middle School:
 - 5 Math, 6 Social Studies, 7 STEM
- Jackson
 - Interdisciplinary units of study
 - Samples of electives:
 - Chemistry, advertising, architecture, journalism, economics, anatomy, engineering, forensics, business...
- Pull-out
 - 3/6 periods per cycle at MS
 - 2/6 for grade 4
 - 1/6 for grade 3 (anticipated)

Goals for going forward

- Provide academically gifted students access to his/her academic peers across Long Island
 - Partnership with a college
 - Based on CogAT results, Mineola will invite parents to apply for admission to College program
 - College will use their criteria for final determination into the program
 - Parent appeal process will be during the invitation phase
- Focus on Science as the subject of content delivery
 - Backward design for science research