



RESEARCH BRIEF

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Gifted Eligibility Matrix – Achievement Score Point Lookup Tables

There are a number of detailed requirements for gifted screening, referral and eligibility specified under State Board Rules and School Board Rules. As a supplement to these requirements, Miami-Dade County Public Schools employs a special Gifted Eligibility Determination Form for use with under-represented students in fourth through twelfth grade. As detailed on this form, students may be considered eligible for the gifted program if they receive a certain number of points under the Matrix Scoring System of the District Plan B.

In the Matrix Scoring System students are awarded points (from zero to four) in specified categories in each of the following areas: Gifted Characteristic Checklist, Achievement Percentile Score, Intelligence Test Quotient, and Creativity Measure Score. Over the years as the standardized achievement tests used by the District have changed, the rules for awarding points for Achievement have accommodated these changes.

Starting in 2007, the percentile ranges for assigning achievement test points were based on the Florida Comprehensive Assessment Test (FCAT) using the Norm Referenced Test (NRT) scores. Since that time the points awarded for achievement test performance have been adjusted to assignment based on matching percentages of the student body in each point category.

Target percentiles: based on percentages found using FCAT NRT scores from 2007.

Percentage per Points

	4 Points	3 Points	2 Points	1 Points	0 Points
Reading	8.4%	9.8%	6.0%	7.9%	68.0%
Math	9.6%	8.5%	7.5%	7.4%	67.0%

Lower Percentile Cutoffs (Inclusive)

	4 Points	3 Points	2 Points	1 Points	0 Points
Reading	91.6%	81.8%	75.8%	67.9%	0%
Math	90.4%	81.9%	74.4%	67.0%	0%

In 2015-2016 the Florida Standards Assessments (FSA) was the official standardized achievement test. Using the results of this testing year, the department of Assessment, Research, and Data Analysis in conjunction with the Division of Advanced Academic Programs has determined the proper FSA score ranges for each grade level to preserve the percentage of students receiving each point amount for the Matrix Scoring System. Because the FSA is scored on a unified developmental scale that rises gradually through the grade levels, a separate look-up table is needed for each grade (as well as the Geometry, Algebra I and Algebra II tests). For the purposes of eligibility for the gifted program, students are to be

awarded the highest of earned point values between the Reading and the Mathematics tests of the FSA. The tables presenting the score ranges for each point value are presented below.

Reading FSA Score Ranges to Gifted Points

Grade	Points	Minimum	Maximum
3	0		312
	1	313	317
	2	318	321
	3	322	330
	4	331	
4	0		322
	1	323	326
	2	327	330
	3	331	338
	4	339	
5	0		333
	1	334	337
	2	338	341
	3	342	351
	4	352	
6	0		337
	1	338	342
	2	343	346
	3	347	355
	4	356	
7	0		342
	1	343	347
	2	348	351
	3	352	361
	4	362	
8	0		351
	1	352	356
	2	357	360
	3	361	369
	4	370	
9	0		353
	1	354	358
	2	359	362
	3	363	371
	4	372	
10	0		358
	1	359	363
	2	364	367
	3	368	376
	4	377	

Math FSA Score Ranges to Gifted Points

Grade	Points	Minimum	Maximum
3	0		311
	1	312	315
	2	316	320
	3	321	328
	4	329	
4	0		325
	1	326	330
	2	331	335
	3	336	344
	4	345	
5	0		334
	1	335	339
	2	340	344
	3	345	353
	4	354	
6	0		334
	1	335	339
	2	340	345
	3	346	354
	4	355	
7	0		337
	1	338	342
	2	343	347
	3	348	355
	4	356	
8	0		340
	1	341	345
	2	346	351
	3	352	359
	4	360	
Alg1	0		506
	1	507	513
	2	514	520
	3	521	531
	4	532	
Geo	0		508
	1	509	514
	2	515	521
	3	522	531
	4	532	
Alg2	0		511
	1	512	517
	2	518	523
	3	524	533
	4	534	