

2015-16 CMS Navigator – Pathway Definitions

A. Enter Kindergarten Ready

- Pre-K Assessments:
 - Phonological Awareness Literacy Screening (Pre-K)
 - Alphabet recognition: Identify and name 22 or more upper case letters and 17 or more lowercase letters
 - Print and word awareness: Accurately complete 8 tasks
 - Peabody Picture Vocabulary Test – 4 (PPVT-4)
- MAP Growth Norms: (Based on [2015 NWEA Measures of Academic Progress Normative Data](#))
68% of student scores are expected to fall within each administration's range (low-high)

	FALL STUDENT NORMS		
	low	Mean	high
Reading	127.46	141.0	154.54
Math	117.39	136.5	155.61

- NC Kindergarten Readiness Assessment

B. Advanced Reading in Grades K-2

- MAP Reading Growth Norms: (Based on [2015 NWEA Measures of Academic Progress Normative Data](#))
68% of student scores are expected to fall within each administration's range (low-high)

Grade	FALL STUDENT NORMS			WINTER STUDENT NORMS			SPRING STUDENT NORMS			STRETCH RIT
	low	Mean	high	low	Mean	high	low	Mean	high	
K	127.46	141.0	154.54	138.57	151.3	164.03	145.25	158.10	170.95	171.5
1	147.62	160.7	173.78	157.96	171.5	185.04	162.96	177.5	192.04	184.2
2	159.18	174.7	190.22	169.22	184.2	199.18	173.49	188.7	203.91	195.6

- Reading 3D Indicators (*Based on CMS Balanced Literacy Benchmark Reading Levels*):

Grade	BOY	MOY	EOY	TARGET
K	RB-B	C	D	E+
1	D	G-H	J-K	L+
2	J-K	L	M-N	O+

C. At or Above Grade Level in Reading and Writing in Grade 3

- End-of-Grade Assessments - Level 4 or Level 5

Reading	Level 4	Level 5
3 rd Grade	442-451	≥452

- Writing: Under Development - No CMS or DPI assessment at this time.

- Reading 3D Indicators (*Based on CMS Balanced Literacy Benchmark Reading Levels*):

Grade	BOY	MOY	EOY	TARGET
3	M-N	O	P-Q	R+

- MAP Reading Growth Norms: (Based on [2015 NWEA Measures of Academic Progress Normative Data](#))
68% of student scores are expected to fall within each administration's range (low-high)

Grade	FALL STUDENT NORMS			WINTER STUDENT NORMS			SPRING STUDENT NORMS			STRETCH RIT
	low	Mean	high	low	Mean	high	low	Mean	high	
3	172.45	188.3	204.15	180.46	195.6	210.74	183.5	198.6	213.7	203.6

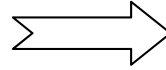
- MAP Reading Growth Norms: (*Based on 2014 Linking Study Data*):
Note that a RIT score of 207 is equivalent to the lowest Level 3 EOG Reading Scale Score.

MAP Linking Study Reading	Level 1	Level 2	%tile	Level 3	%tile	Level 4	%tile	Level 5	%tile
3 rd Grade	<187	187	20	197 207	44	201	55	215	86

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- 3rd Grade Lexile Range (Based on [ELA CCSS Appendix A](#))

Grade	BOY	MOY	EOY	TARGET
3	620	705	790	820



- 3rd Grade Lexile Range (Based on [NC READY EOG Performance Standards](#))

Table 1. NC READY EOG Reading/NC READY EOC English II performance standards in the Lexile measure.

Grade	Limited Command	Partial Command	Sufficient Command	Solid Command	Superior Command
3	555L and Below	560L to 720L	725L to 790L	795L to 1025L	1030L and Above

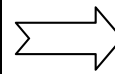
D. At or above grade level in Reading and Writing in Grade 7

- End-of-Grade Assessments: Level 4 or Level 5

Reading	Level 4	Level 5
7 th Grade	457-468	≥469

- MAP Reading Growth Norms: (Based on [2015 NWEA Measures of Academic Progress Normative Data](#))
68% of student scores are expected to fall within each administration's range (low-high)

Grade	FALL STUDENT NORMS			WINTER STUDENT NORMS			SPRING STUDENT NORMS			STRETCH RIT
	low	Mean	high	low	Mean	high	low	Mean	high	
7	199.09	214.4	229.71	201.92	216.9	231.88	203.06	218.2	233.34	219.1



- MAP Reading Growth Norms: ([Based on 2014 Linking Study Data](#)):

The cut scores shown in the table are the minimum estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

MAP Linking Study Reading	Level 1	Level 2	%tile	Level 3	%tile	Level 4	%tile	Level 5	%tile
7 th Grade	<205	205	15	216	40	220	51	235	86

- 7th Grade Lexile Range (Based on [ELA CCSS Appendix A](#)):

Reading	BOY	MOY	EOY
7 th Grade	1000	1045	1090

- 7th Grade Lexile Range (Based on [NC READY EOG Performance Standards](#))

Table 1. NC READY EOG Reading/NC READY EOC English II performance standards in the Lexile measure.

Grade	Limited Command	Partial Command	Sufficient Command	Solid Command	Superior Command
7	860L and Below	865L to 1070L	1075L to 1140L	1145L to 1425L	1430L and Above

- Writing: Under Development - No CMS or DPI assessment at this time.

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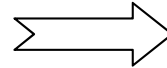
E. At or above grade level in Math grades 3-5

- End-of-Grade Assessments - Level 4 or Level 5

MATH	Level 4 (# of questions right)	Level 5(# of questions right)
3 rd Grade	451-459 (29/44)	≥460 (38/44)
4 th Grade	451-459 (27/44)	≥460 (37/44)
5 th Grade	451-459 (25/44)	≥460 (36/44)

- MAP Math Growth Norms (Based on [2015 NWEA Measures of Academic Progress Normative Data](#))
68% of student scores are expected to fall within each administration's range (low-high)

Grade	FALL STUDENT NORMS			WINTER STUDENT NORMS			SPRING STUDENT NORMS			STRETCH RIT
	low	Mean	high	low	Mean	high	low	Mean	high	
3	177.3	190.4	203.5	184.91	198.2	211.49	189.59	203.4	217.21	208.7
4	188.14	201.9	215.66	194.43	208.7	222.97	198.53	213.5	228.47	217.2
5	196.72	211.4	226.08	201.87	217.2	232.53	205.22	221.4	237.58	222.1
6	202.07	217.6	233.13	206.10	222.1	238.1	208.59	225.3	242.01	226.1
7	206.01	222.6	239.19	209.03	226.1	243.17	210.88	228.6	246.32	229.1
8	208.45	226.3	244.15	210.79	229.1	247.41	211.79	230.9	250.01	232.2



- MAP Growth Norms: *(Based on 2014 Linking Study Data):*

The cut scores shown in the table are the minimum estimated scores. Meeting the minimum MAP cut score corresponds to a 50% probability of achieving that performance level.

MAP Linking Study Math	Level 1	Level 2	%tile	Level 3	%tile	Level 4	%tile	Level 5	%tile
3 rd Grade	<191	191	18	199	38	203	50	214	80
4 th Grade	<203	203	25	213	51	215	57	227	85
5 th Grade	<210	210	23	221	50	223	55	237	86
6 th Grade	<218	218	32	227	53	229	58	241	83
7 th Grade	<223	223	33	233	56	235	60	247	83
8 th Grade	<226	226	32	238	58	241	64	256	89

F. Successful Completion of Math I by the End of Grade 9

- Math I emphasis placed on:**

- Increasing the number of students who successfully complete Math I by the end of 8th Grade.*
- Increasing the number of students who successfully complete Math I by the end of 1st Semester in Grade 9.*
- Ensure students successfully complete Math I by the end of Grade 9.*

- End-of-Course Assessments - Level 4 or Level 5

	Level 4	Level 5
Math I	253-263	≥264

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G. Take and pass at least 1 AP/IB/Post-Secondary class and exam

Research has shown that students who participate in Advanced Placement (AP) and International Baccalaureate (IB) courses outperform others in college/university, particularly in grades and graduation rates.

AP courses are offered in all Charlotte-Mecklenburg high schools and IB courses are available in several Charlotte-Mecklenburg high schools. To receive credit for these courses, students **MUST** take the AP or IB exams that are offered for that class.

- Students who score a **3 or higher** (on a scale of 1-5) **on the AP** exam MAY earn college/university credit or prerequisite course exemptions.
- Students who score a **4 or higher** (on a scale of 1-7) **on the IB** exam MAY earn college/university credit or prerequisite course exemptions.

Each college/university sets its own criteria for course acceptance. Many professional career paths and trades require advanced coursework as well. Students will have opportunities to enroll in advance Career and Technical Education course work through our local community colleges.

AP Potential – Use the AP Potential spreadsheet (students marked with a “Y”) to identify students who have between a 60-100% likelihood of scoring a 3 or higher on AP exams offered at each school.

H. Score 1550 on the SAT, 22 on the ACT

- Scoring at least **1550 on the SAT** (maximum score 2400) or **22 on the ACT** (maximum score 36) college entrance exams meets the national average and helps students gain acceptance to the universities/colleges of their choice. It minimizes the chance that students will have to take remedial courses in college and it also increases their chances of earning a college degree. In preparation for the SAT, Charlotte-Mecklenburg Schools offers all 10th grade students the opportunity to take the PSAT (preliminary SAT) and PLAN (preliminary ACT) free of charge.
 - SAT – 1550 is a composite score of Critical Reading and Math
 - ACT - North Carolina has **proposed benchmarks** for each of the ACT Subtests. Students could potentially be required to achieve the benchmark for each subtest regardless of the Composite score.

ACT Subtest	Benchmark
Mathematics	22
English	18
Reading	22
Science	23

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- Under Development: The Silver Certificate on the WorkKeys assessment is the career ready standard for the industry workplace.
 - <http://www.ncpublicschools.org/accountability/act/>
 - <http://www.ncpublicschools.org/docs/acre/redesign/2012/201207.pdf>
 - <http://www.act.org/workkeys/assess/understanding.html>

WorkKeys, an ACT job skills assessment tool, is administered to all high school seniors in North Carolina who have completed four sequential Career and Technical Education Courses. The tool measures the following techniques in work-related situations:

- Mathematical Reasoning
- Critical Thinking
- Problem Solving

Students are tested on the following skills:

Applied Mathematics	Listening for Understanding	Talent
Applied Technology	Locating Information	Teamwork
Business Writing	Performance	Workplace Observation
Fit	Reading for Information	

Students who meet the ACT standards receive a Career Readiness Certificate.