

Assessment Brief



Public Schools of North Carolina • State Board of Education • North Carolina Department of Public Instruction • June St. Clair Atkinson Ed.D., State Superintendent

NC Check-Ins Reports

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Purposes of the NC Check-Ins

The NC Check-Ins (formerly Proof of Concept) will be administered throughout the 2016–17 school year to provide teachers with immediate feedback for guiding subsequent instruction. Ultimately, the North Carolina State Board of Education will use the results of the NC Check-Ins to determine the best course of action for future state assessments.

Students will be administered three NC Check-Ins and a stand-alone assessment at the end of the year. The end of year assessment will be the standard end-of-grade (EOG) assessment that includes embedded field test items.

Several reports will be available to teachers following each administration of an NC Check-In. These reports provide individual student data as well as an overview of how well the class performed on the Check-In items. Parents will also receive an individual student report on their student’s scores for each Check-In. Following are descriptions of the reports available to teachers and parents.

NC Check-Ins Teacher Reports

Class Roster

Below is a sample class roster for the grade 5 mathematics NC Check-In 1. The class roster provides teachers with school information such as local education agency (LEA)/school number, teacher’s name, test date, school name, and the class period. Below the school information is a table that is divided into two columns. The left column lists the students who were tested. The right column shows the number of items on the test and the test results for each student listed by number correct, the percent correct, and the number of items that the student provided a response.

Public Schools of North Carolina NC Check-In 1 — 2016-2017 Mathematics Grade 5 Class Roster			
LEASchCode = ??????????		HdrSchoolName = ??????????????	
InstrName = ??????????		ClassPeriod = ??????????????	
TestDates = Regular School Schedule 2017			
Student Name	25 Points Possible		
	Number Correct	Percent Correct ¹	Number Items Attempted
1	16	64.0 %	25
2	23	92.0 %	25
3	18	72.0 %	25
4	5	20.0 %	25
5	19	76.0 %	25
6	10	40.0 %	25
7	4	16.0 %	25
8	14	56.0 %	25
9	13	52.0 %	25
10	10	40.0 %	25
11	18	72.0 %	25
12	15	60.0 %	25
13	14	56.0 %	25
14	10	40.0 %	25
15	9	36.0 %	25
16	15	60.0 %	24
17	13	52.0 %	25
18	6	24.0 %	25
19	9	36.0 %	25
20	18	72.0 %	25
Class Mean	12.9	51.8 %	

¹ Percent Correct = 100.0 multiplied by (# Items correct / # Items in the NC Check-In)

Class Subscore Roster

The following are samples of class subscore rosters for the mathematics NC Check-Ins at grade 5 and for English Language Arts (ELA)/reading at grade 6. The class subscore roster provides teachers with school information such as LEA/school number, teacher's name, test date, school name, and the class period. Below the school information is a table that is divided into two columns. In the left column, is a list of students who were tested. In the right columns, are the number of items answered correctly, the percentage representing how well students did on the assessment out of 100 percent, and the number of test questions answered correctly for a pre-determined set of questions grouped by goals.

Public Schools of North Carolina NC Check-In 1 — 2016-2017 Mathematics Grade 5 Class Subscore Roster								
LEASchCode = ??????????			HdrSchoolName = ????????????????					
InstrName = ??????????			ClassPeriod = ????????????????					
TestDates = Regular School Schedule 2017								
Student Name	Number Correct ¹	Percent Correct ²	Item Type ³			Subscores ³		
			CI [12]	CA [13]	GR + [4]	NBT [13]	MD [7]	NF [5]
1	16	64.0 %	9	7	3	9	5	2
2	23	92.0 %	11	12	3	13	5	5
3	18	72.0 %	8	10	3	9	4	5
4	5	20.0 %	0	5	0	2	3	0
5	19	76.0 %	9	10	2	12	5	2
6	10	40.0 %	4	6	0	5	2	3
7	4	16.0 %	1	3	0	2	2	0
8	14	56.0 %	8	6	2	10	3	1
9	13	52.0 %	5	8	0	7	3	3
10	10	40.0 %	4	6	0	7	1	2
11	18	72.0 %	9	9	3	10	5	3
12	15	60.0 %	6	9	1	9	3	3
13	14	56.0 %	8	6	1	10	2	2
14	10	40.0 %	7	3	1	7	0	3
15	9	36.0 %	4	5	2	6	1	2
16	15	60.0 %	7	8	2	8	2	5
17	13	52.0 %	8	5	2	9	2	2
18	6	24.0 %	4	2	0	5	0	1
19	9	36.0 %	6	3	0	7	1	1
20	18	72.0 %	7	11	2	11	3	4
Class Mean	12.9	51.8 %	6.3	6.7	1.4	7.9	2.6	2.5

¹ There are 25 points possible on the NC Check-In.
² Percent Correct shows the percentage of the total number of points that the student earned on the NC Check-In or subscore.
³ Item Type Descriptions [the number of score points is listed in brackets]
 CI Calculator Inactive Items
 CA Calculator Active Items
 + Gridded Response Items are included in the Calculator Inactive total number of items.
³ Subscore Descriptions [the number of score points is listed in brackets]
 NBT Numbers and Operations in Base 10
 MD Measurement and Data
 NF Numbers and Operations—Fractions

Public Schools of North Carolina NC Check-In 1 — 2016-2017 ELA/Reading Grade 6 Class Subscore Roster						
LEASchCode = ??????????			HdrSchoolName = ????????????????			
InstrName = ??????????			ClassPeriod = ????????????????			
TestDates = Regular School Schedule 2017						
Student Name	Number Correct ¹	Percent Correct ²	Subscores ³			
			Language [4]	Reading for Literature [9]	Reading for Information [7]	
1	16	80.0 %	4	8	4	
2	15	75.0 %	4	8	3	
3	6	30.0 %	2	3	1	
4	16	80.0 %	3	7	6	
5	12	60.0 %	4	6	2	
6	16	80.0 %	4	6	6	
7	15	75.0 %	3	7	5	
8	15	75.0 %	4	6	5	
9	16	80.0 %	3	9	4	
10	10	50.0 %	2	7	1	
11	13	65.0 %	4	7	2	
12	9	45.0 %	2	5	2	
13	5	25.0 %	3	2	0	
14	16	80.0 %	3	9	4	
15	14	70.0 %	3	8	3	
16	14	70.0 %	4	8	2	
17	14	70.0 %	3	8	3	
18	9	45.0 %	2	5	2	
19	8	40.0 %	3	4	1	
20	11	55.0 %	4	4	3	
21	6	30.0 %	2	2	2	
22	14	70.0 %	2	9	3	
23	14	70.0 %	4	6	4	
24	15	75.0 %	4	7	4	
25	12	60.0 %	4	5	3	
26	15	75.0 %	4	8	3	
27	10	50.0 %	3	5	2	
Class Mean	12.4	62.2 %	3.2	6.3	3.0	

¹ There are 20 points possible on this NC Check-In.
² Percent Correct shows the percentage of the total number of points the student earned on the NC Check-In or subscore.
³ Subscore Descriptions [the number of score points is listed in brackets]

Class Item Report

Next are sample class item reports for the mathematics and the ELA/reading NC Check-Ins. The class item reports provide teachers with school information such as the name of the assessment, teacher's name, grade level and subject, year of the class item report, and the school name.

Below the school information, the reports contain the class mean, the class percent correct, the school mean, and the school percent correct. The mean, or average, is the sum of all scores divided by the total number of scores. The percent correct is calculated by dividing the total number of score points earned by the total number of possible score points and then multiplying by 100.

The remaining portion of the reports are divided into several parts. Moving from left to right, the far left section lists the categories presented in the cells of the table: item number, content standard, depth of knowledge, class percent correct, school percent correct, calculator active (mathematics only), and correct answer. The item numbers are aligned to the content subgroup that is measured on the Check-In. The content standard provides what students are expected to know and be able to do in the content area. Depth of knowledge categorizes tasks according to the complexity of thinking required to complete them. The percent correct is calculated by dividing the total number of score points earned by the total number of possible score points and then multiplying by 100.

The mathematics NC Check-Ins at grade 5 have a calculator inactive section (students are not allowed to use a calculator) and a calculator active section (students are allowed to use a calculator). On the mathematics class item report, the calculator active row indicates by the word "Yes" that the item is in the calculator active section or by the word "No" that the question is not in calculator active.

The correct answer row provides the answer key to the Check-In. Multiple-choice questions have an A, B, C, or D answer and gridded response items (mathematics only) have a numeric answer.

NC Check-In 1 Class Item Report 2016-17		Teacher: ???????????????														Grade 5 Mathematics									
Class Mean 16.5		Class Percent Correct 66.2														School Mean 15.6					School Percent Correct 62.5				
Item Number	Measurement and Data							Numbers and Operations in Base 10												Numbers and Operations—Fractions					
	7	9	10	14	16	17	21	6	15	22	23	24	25	1	2	3	4	5	11	12	8	13	18	19	20
Content Standard	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????	??????
Depth of Knowledge ¹	1	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	2	1	1	1	2	1	1	1
Class Percent Correct	75.0	25.0	40.0	80.0	70.0	60.0	70.0	65.0	55.0	65.0	75.0	40.0	90.0	85.0	80.0	85.0	60.0	85.0	70.0	35.0	90.0	65.0	60.0	70.0	60.0
School Percent Correct	63.2	23.7	34.2	78.9	60.5	57.9	71.1	55.3	57.9	55.3	68.4	47.4	89.5	84.2	81.6	81.6	65.8	81.6	55.3	34.2	73.7	57.9	60.5	63.2	60.5
Calculator Active	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Correct Answer	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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???? ?																									



Class Mean 12.6		Class Percent Correct 62.9				School Mean 13.7				School Percent Correct 68.6										
Item Number	Language				Reading for Information				Reading for Literature											
	4	5	13	12	16	14	17	15	18	19	20	7	10	1	8	6	3	11	2	9
Content Standard	?????	?????	?????	?????	????	????	????	????	????	????	????	????	????	????	????	????	????	????	????	????
Depth of Knowledge ¹	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Class Percent Correct	89.3	89.3	67.9	78.6	32.1	46.4	46.4	35.7	39.3	32.1	46.4	85.7	71.4	71.4	42.9	78.6	78.6	78.6	67.9	
School Percent Correct	87.8	92.7	77.8	76.4	36.8	54.9	55.9	44.4	62.5	41.7	65.3	89.9	69.8	80.2	46.5	77.8	83.3	85.1	76.4	66.7
Correct Answer	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NC Check-Ins Parent/Student Report

Individual Student Report

The Individual Student Reports provide parents with information about their child’s performance on the NC Check-Ins. Each report includes the student’s results (Columns 3 and 4) compared to the results of all students at the school who completed the NC Check-In (Columns 5 and 6). The total score is reported by the total number of questions answered correctly, and the percent correct. Subscores are provided for the subsets of items categorized by the section of the NC Check-In for mathematics only (i.e., calculator inactive and calculator active) and by strand or genre for ELA/reading only (i.e., literature, information, poetry).



The NC Check-Ins consist of three check-ins administered throughout the school year. Each check-in is designed to provide teachers and parents with immediate feedback for guiding subsequent instruction. This *Individual Student Report* provides information on how your student performed on the most recently administered NC Check-In. Scores are not included in state accountability results for the school year.

(1) Areas Assessed	Student Results			School Results	
	(2) Total Number of Questions	(3) Number Correct	(4) Percent Correct	(5) Average Number Correct	(6) Average Percent Correct
Total Math Score	25	18	72.0 %	15.6	62.5 %
Calculator Inactive	12	10	83.3 %	7.3	61.2 %
Calculator Active	13	8	61.5 %	8.3	63.8 %
Numbers and Operations in Base 10	13	11	84.6 %	8.6	66.0 %
Measurement and Data	7	3	42.9 %	3.9	55.6 %
Numbers and Operations—Fractions	5	4	80.0 %	3.2	63.2 %

Column (1) lists the two parts of the NC Check-In: Calculator Inactive and Calculator Active. Also listed are the content areas measured in both the Calculator Inactive and Active sections.

Column (2) lists the total number of questions on the NC Check-In as well as the total number of questions assessed in the Calculator Inactive, Calculator Active, and the content areas measured on this check-in.

Column (3) shows the total number of questions that the student answered correctly. Each question on this check-in counts one point.

Column (4) shows the percentage of questions that the student answered correctly.

Column (5) shows the average number of questions that all students at the school answered correctly.

Column (6) shows the average percentage of questions that all students at the school answered correctly.