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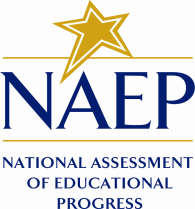
**EDUCATIONAL PROGRESS**

***2016 MAIN NAEP ADMINISTRATION***

***VOLUME I***

***SUPPORTING STATEMENT***

***OMB# 1850***–***0790 v.42***



**Grade 4**

Student Core, Reading, Mathematics, Proof of Concept Study

Survey Questions

Teacher Questionnaires

School Questionnaires

**Grade 8**

Student Core, Arts, Reading, Mathematics, Writing, Proof of Concept Study

Survey Questions

Teacher Questionnaires

School Questionnaires

**Grade 12**

Student Core, Writing Survey Questions

School Questionnaires

6/25/15

8/28/2015 revised

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# 1. Explanation for This Submittal

This document contains supplemental information pertaining to the 2014-2016 National Assessment of Educational Progress (NAEP) system clearance proposal. NAEP is administered by the National Center for Education Statistics (NCES) within the Institute for Education Sciences of the U.S. Department of Education. The National Assessment Governing Board (henceforth referred to as the Governing Board) sets policy for NAEP and determines the content framework for each assessment. The system clearance package was submitted in November 2012 and approved in March 2013 (OMB #1850-0790 v.36). The terms of clearance for OMB approvals state that NCES will publish a notice in the Federal Register allowing a 30-day public comment period on the details of each collection concurrent with submission to OMB.

The 2016 submittal consists of only one wave, which will include all subjects and special studies to be administered in the main NAEP 2016 administration. This wave contains the descriptions, burden, and/or survey questionnaires for the following:

* core[[1]](#footnote-2);
* digitally-based assessment (DBA)[[2]](#footnote-3) studies for mathematics, reading, and writing;
* paper and pencil administration of arts (music and visual arts); and
* information and burden regarding activities of school coordinators.

The special studies for 2016 include:

* Puerto Rico DBA Proof of Concept (POC) Study[[3]](#footnote-4) at grades 4 and 8.

The operational arts assessment will be delivered in paper-and -pencil format, while the mathematics, reading, and writing pilots, as well as the POC study, will be delivered in DBA formats. Table 1 lists the components of the 2016 Main NAEP assessments and, through the part number in the last column, their location in the instrument documents included in this submission.

## Table 1: List of 2016 Main NAEP Components

|  | **Component** | **Part** |
| --- | --- | --- |
| **Student** | Grade 4 — Core, Reading, Mathematics, Puerto Rico POC[[4]](#footnote-5) | 1a |
| Grade 8 — Core, Reading, Mathematics, Writing, Arts, Puerto Rico POC | 1b |
| Grade 12 — Core, Writing | 1c |
| **Teacher** | Grade 4 — Background, Education, Training (BET);  Classroom Organization and Instruction (COI) - Reading, Mathematics  Puerto Rico POC – BET and COI (Math) | 2a |
| Grade 8 — Reading- Reading BET; Reading COI  Mathematics- Mathematics BET; Mathematics COI  Writing- Writing BET; Writing COI  Puerto Rico POC – BET and COI (Math) | 2b |
| **School** | Grade 4 — School Characteristics and Policies (SCP), Reading, Mathematics, Charter School  Puerto Rico POC – SCP, Math, Charter School | 3a |
| Grade 8 — SCP, Reading, Mathematics, Writing, Charter School  SCP, Arts, Charter School  Puerto Rico POC – SCP, Math, Charter School | 3b |
| Grade 12 — SCP, Writing, Charter School | 3c |
| **School Coordinators** | Assessment Feedback Forms | 4 |

# 2. Overview of NAEP 2016 Assessments

Much of the following broad overview of the 2016 NAEP assessments was included as part of the 2014–2016 system clearance submittal. The Governing Board determines NAEP policy and assessment schedule, and future Governing Board decisions may result in changes to some aspects of an assessment (e.g., which subjects are assessed in which years). However, the overall methodology and assessment process remains consistent. The NAEP assessments contain two kinds of questions: *cognitive* (assessment questions that measure student knowledge of an academic subject) and *survey* (questions that gather demographic information, as well as classroom instructional procedures).

The main NAEP assessment reports current achievement levels and trends in student achievement at grades 4, 8, and 12 for the nation and, for certain assessments, states and select urban districts. These assessments follow subject-area [frameworks](http://nces.ed.gov/nationsreportcard/frameworks.asp) developed by the Governing Board and use the latest advances in assessment methodology. The subject-area frameworks evolve to match instructional practices.

# 3. Sampling Information

The 2016 Sampling Design Memo[[5]](#footnote-6) (appendix G) provides specific sampling information regarding the 2016 NAEP assessments. It includes information on the following:

* Assessment Types
* Primary Sampling Units Selection
* Stratification and Oversampling
* Overlap Control of Samples
* Substitute Samples
* Student Sampling Information
* Weighting Requirements

# 4. Information Pertaining to the 2016 Questionnaires[[6]](#footnote-7) in This Submittal

**Student Questionnaires**

Core – the first survey question block for all students contains core questions, many of which are related to demographic information. The 2016 core questions are comprised of trend and new questions for the arts operational assessment and the pilot DBA administrations. However, not all pilot core questions will be given to each student, rather individual students will receive subsets of the core questions.

Arts – music and visual arts subject-specific questions are comprised of trend questions at grade 8.

Mathematics – mathematics subject-specific questions are comprised of new pilot questions and trend questions at grades 4 and 8.

Reading – reading subject-specific questions are comprised of new pilot questions and trend questions at grades 4 and 8.

Writing – writing subject-specific questions are comprised of new pilot questions and trend questions at grades 8 and 12.

Mathematics POC Study in Puerto Rico — student survey questions will consist of three components:

* existing core and subject-specific questions (adapted for Puerto Rico);
* existing items from the 2015 Computer Access and Familiarity Study (CAFS); and
* new items developed for the POC study.

The committees that helped define the cognitive and survey questions pertaining to the 2016 subjects are listed in this document in appendix A.

**Teacher Questionnaires**

Teachers of students participating in the NAEP assessments at grades 4 and 8 are administered a teacher questionnaire[[7]](#footnote-8). Teacher questionnaires are comprised of multiple sections, which include:

Background, Education, and Training (BET; also referred to as the teacher core) – the BET questions for arts consist of trend questions, while the BET questions in the DBA pilot administrations (mathematics, reading, writing) consist of both new and trend questions.

Classroom Organization and Instruction (COI) – the COI questions for arts are trend questions, while the BET questions in the DBA pilot administrations (mathematics, reading, and writing) consist of both new and trend questions.

Teacher questionnaires are primarily completed online. If a grade 8 teacher teaches more than one subject, the online questionnaire system will administer the appropriate BET and COI questions to that teacher.

Giving Back Questions – At the end of the online teacher questionnaires, there will be two ‘giving back’ questions. These questions are related to whether the teacher would like to receive summative reports regarding the teacher questionnaires.

**School Questionnaires**

School questionnaires are comprised of multiple sections, which include the following:

School Characteristics and Policies (SCP; also referred to as the school core) – one version of SCP questions will be given at each grade. The SCP questions are comprised of trend or pilot questions.

Arts – the school questions in arts are comprised of trend questions.

Reading, Mathematics, Writing – the school questions in mathematics, reading, and writing are comprised of both new and trend questions related to those subjects.

Charter School – charter school questions are comprised of trend questions that were administered in previous assessments. The charter school section is to be completed only if the school is a charter school.

As with the teacher questionnaires, the 2016 school questionnaires will be primarily completed online and will ask if administrators would like to receive summative reports related to the school questionnaires.

Appendix C indicates the new/revised/trend questions contained in the various questionnaires (student, teacher, and school). Table 2 depicts the composition of the 2016 school questionnaires.

## Table 2: School Survey Questionnaire Structures - 2016 NAEP Assessments

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Grade | Subject(s) | Section 1 | Section 2 | Section 3 | Section 4 | Section 5 |
| 4 | Reading, Math  Puerto Rico POC | SCP  SCP | Reading  Mathematics | Mathematics  N/A | Charter School\*  N/A | N/A  N/A |
| 8 | Arts | SCP | Arts | Charter School | N/A | N/A |
| 8 | Reading, Math, Writing  Puerto Rico POC | SCP  SCP | Reading  Mathematics | Mathematics  N/A | Writing  N/A | Charter  School\*  N/A |
| 12 | Writing | SCP | Writing | Charter School\* | N/A | N/A |

SCP = School Characteristics and Policies

Note: The Charter School section is only completed by Charter schools.

\*The Charter School questions will be in a separate section when administered for the assessments. However, for this submittal the charter school questions for the pilot DBA subjects were included as part of the core (SCP) section.

**School Personnel Assessment Responsibilities**

E-filing – Demographic data are collected for potential students who may participate in NAEP. This sample information is gathered at the state, district, or school level (see appendix H for a sample Data Security Agreement between NAEP and state Departments of Education used in the e-filing process). If gathered at the district or school level, that burden is included in the burden calculation.

Pre-Assessment and Assessment Activities – Each school participating in NAEP has a designated staff member to serve as its NAEP school coordinator. Pre-assessment and assessment activities include functions such as finalizing student samples, verifying student demographics, reviewing accommodations, and planning logistics for the assessment.

NAEP is moving in the direction of paperless administrations. An electronic pre-assessment visit system (known as MyNAEP) was developed so that school coordinators would provide requested administration information online, including logistical information, updates of student and teacher information, and the completion of inclusion and accommodation information.

The communication brochure sent from NAEP state coordinators to the participating schools describing the school coordinator’s responsibilities with pre-assessment and e-filing activities is included under appendix D.

Students with Disabilities (SD) and English Language Learners (ELL) Information – The SD and ELL inclusion information is provided by either the school coordinator or the teachers/school personnel most knowledgeable about the school’s SD and ELL students. This information will then be entered into the MyNAEP system by the school coordinator. With the MyNAEP system, inclusion guidelines can now be customized on a state-by-state basis. The SD and ELL information provided can be formatted with appropriate skip patterns and consistency checks, allowing field staff to monitor exclusions in real time. The types of SD and ELL information gathered will be the same as was previously obtained on the SD and ELL worksheets. See appendix E for instructions from the MyNAEP system that deal with collecting SD and ELL information.

**Assessment Feedback Activities**

School Coordinator Debriefing Interview – After each assessment, the field staff will meet with the school coordinator for a debriefing interview. The purpose of this interview is to obtain feedback on the following:

* how well the assessment went in that school
* usefulness of NAEP materials (publications, letters, etc.)
* school staff feedback
* preparation activities
* strategies utilized for increasing participation
* any issues that were noted

Post-assessment Follow-up Survey–As part of the on-going quality control of the assessment process, 25 percent of the schools will be randomly selected for an additional follow-up survey. Survey questions solicit feedback on pre-assessment, assessment, and procedural processes. A sample of a post-assessment follow-up survey is included in the *Part 4 2016 Main NAEP Assessment Feedback Forms* document.

# 5. Burden Information for 2016

The nature of NAEP is that samples of students alternate from a relatively low volume in national-level only administration years, to a substantial volume increase in state-level administration years. These state-level administration years include one or more assessments that support the reporting of results by state and certain urban districts. In 2016, NAEP will conduct national-level assessments and a special study (the Puerto Rico POC Study), so that the estimated burden is much lower than in 2015 NAEP. The total combined burden for the 2016 assessments is provided in Table 3.

## Table 3: Total Burden for 2016

|  |  |  |
| --- | --- | --- |
| **Respondent Category** | **Number of Respondents** | **Total Burden Hours** |
| Student | 58,550 | 28,742 |
| Teacher | 10,264 | 4,021 |
| School Administrators | 1,793 | 897 |
| School Coordinator (pre-assessment activities, e-filing, & assessment feedback) | 1,793 | 4,731 |
| School Personnel (for SD & ELL data completion) | 1,793 | 1,765 |
| **Total** | **74,193** | **40,156** |

Note: Some totals may differ slightly from sum of subtotals, due to rounding.

The respondent burden times include the following categories (see tables 4 and 5 for details):

Students[[8]](#footnote-9) – Students in fourth-, eighth-, and twelfth grades complete assessments that commonly contain two cognitive blocks. The total cognitive time for the arts assessments varies from 58-104 minutes, while the DBA pilot subjects are comprised of 60 minutes of cognitive assessment time. In addition to the cognitive testing, survey questionnaire blocks totaling 15 minutes are also administered. For the Puerto Rico POC Study, the assessment consists of 80 minutes of cognitive time and 25 minutes of survey questions.

The survey questions are comprised of core questions (many of which are related to demographic information) and subject-specific questions. Additional student burden is included for time to read directions, distribute test booklets, and take system tutorials. For paper-and-pencil assessments, this additional burden is estimated at 10 minutes. For the DBA assessments, additional burden is estimated at 15 minutes.

Appendix B includes a sample parental notification letter regarding NAEP. The letter will be adapted for each grade/subject combination and the school principal may edit it; however, information regarding confidentiality and the appropriate law reference will remain unchanged.

Teachers – In 2016, teachers will be asked to complete questions about their teaching background, education, training, and classroom organization and instruction. At grade 4, the teacher burden is estimated at 30 minutes, as most teachers teach multiple subjects and, therefore, will complete the questionnaire for all subject areas. The grade 8 teacher burden is estimated to be 20 minutes for most teachers who only teach a single subject area, and 30 minutes for the small percentage (10 %) of those who may teach more than one subject. There are no teacher questionnaires for arts or for teachers of students taking the grade 12 assessments.

Principals/Administrators – The school administrators of the sampled schools will be asked to complete a school questionnaire. The school questionnaire burden is estimated at 30 minutes for all three grades.

School Personnel: Pre-Assessment, Electronic Filing, Inclusion, and Assessment Feedback Activities

Pre-Assessment Activities – As described in section 4, school personnel perform multiple activities in preparation for the assessment, including information gathering, communication of teacher and student information, and review of NAEP procedures. These pre-assessment activities are estimated to require two hours of school personnel time.

E-filing – If the survey sample information needed for e-filing is obtained at the school or district level, school or district personnel will incur burden estimated at one hour per school. We used 48 percent of schools to estimate the e-filing burden because in the most recent national-only NAEP assessment approximately 48 percent of schools and districts participated in the e-filing process.

School Personnel: SD and ELL Inclusion Activities – SD and ELL burden is the average number of hours school personnel spend on completing the SD/ELL information for students identified as SD and/or ELL. This is estimated at 10 minutes per student. The overall SD/ELL burden is a factor of the number of students identified as SD/ELL. Based on most recent data, 22 percent of grade 4 students, 17 percent of grade 8, and 13 percent of grade 12 students were identified as SD/ELL[[9]](#footnote-10).

## Table 4: 2016 Survey Questionnaires - Per Respondent Burden Time

|  |  |  |
| --- | --- | --- |
| **Grade** | **Respondent Category** | **Time per Respondent** |
| **Grade 4** | Student Core + Reading | 15 minutes |
| Student Core + Mathematics | 15 minutes |
| Student Core, Mathematics, CAFS, and study-specific for POC in Puerto Rico | 25 minutes |
| Student Directions and Set-up | 15 minutes |
| Teacher Questionnaire | 30 minutes |
| School Questionnaire | 30 minutes |
| **Grade 8** | Student Core + Arts | 15 minutes |
| Student Core + Reading | 15 minutes |
| Student Core + Mathematics | 15 minutes |
| Student Core + Writing | 15 minutes |
| Student Core, Mathematics, CAFS, and study-specific for POC in Puerto Rico | 25 minutes |
| Student Directions and Set-up | 10 minutes (arts)  15 minutes (DBA subjects) |
| Teacher Questionnaire (single subject) | 20 minutes |
| Teacher Questionnaire (more than one subject) | 30 minutes |
| School Questionnaire | 30 minutes |
| **Grade 12** | Student Core + Writing | 15 minutes |
| Student Directions and Set-up | 15 minutes |
| School Questionnaire | 30 minutes |

Table 5: Estimated Burden for NAEP 2016 Questionnaires

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assessment / Grade** | **Students** | | | **Teachers** | | | **School Questionnaire (school principals)** | | | **School Coordinator**  Pre-assessment, e-filing, & assessment feedback | | **SD/ELL (school personnel)** | | | **Total Burden (in hours)** |
| **# of Students** | **Avg. minutes per response** | **Burden (in hrs)** | **# of Teachers** | **Avg. minutes per response** | **Burden (in hrs)** | **# of Schools** | **Avg. minutes per response** | **Burden (in hrs)** | **# of Schools** | **Burden1 (in hrs)** | **# of Schools** | **Avg. minutes per response** | **Burden2 (in hrs)** |
| **Grade 4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DBA pilots (Reading, Mathematics), PR-POC Mathematics) | 18,150 | 30 DBA subj. 40 PR POC | 9,142 | 2,856 | 30 | 1,428 | 476 | 30 | 238 | 476 | 1,256 | 476 | 10 min per student | 666 | 12,730 |
| **Grade 4 Totals** | **18,150** |  | **9,142** | **2,856** |  | **1,428** | **476** |  | **238** | **476** | **1,256** | **476** |  | **666** | **12,730** |
|  | | | | | | | | | | | | | | | |
| **Grade 8** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Arts, DBA pilots (Reading, Mathematics, Writing), PR-POC Mathematics) | 33,650 | 25-Arts 30-DBA subj. 40-PR POC | 16,225 | 7,408 | 20 or 303 | 2,593 | 926 | 30 | 463 | 926 | 2,443 | 926 | 10 min per student | 953 | 22,677 |
| **Grade 8 Totals** | **33,650** |  | **16,225** | **7,408** |  | **2,593** | **926** |  | **463** | **926** | **2,443** | **926** |  | **953** | **22,677** |
|  | | | | | | | | | | | | | | | |
| **Grade 12** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DBA pilots (Writing) | 6,750 | 30 | 3,375 |  |  |  | 391 | 30 | 196 | 391 | 1,032 | 391 | 10 min per student | 146 | 4,749 |
| **Grade 12 Totals** | **6,750** |  | **3,375** |  |  |  | **391** |  | **196** | **391** | **1,032** | **391** |  | **146** | **4,749** |
| **Totals** | **58,550** |  | **28,742** | **10,264** |  | **4,021** | **1,793** |  | **897** | **1,793** | **4,731** | **1,793** |  | **1,765** | **40,156** |

Note: Some totals may differ slightly from sum of subtotals due to rounding.

*Note*: The number of total respondents and responses is 74,193 each.

1 Pre-assessment burden is 2 hours, e-filing burden is 1 hour (for 48% of schools, based on recent data; for all other schools e-filing is carried out by contracted NAEP state coordinators at the respective State Education Agencies), school coordinator debriefing is 7 minutes and post-assessment follow-up survey is 10 minutes (for 25% of the schools).

2 SD and ELL burden is the number of hours that school personnel spend to complete the SD/ELL information for each student identified as SD and/or ELL (estimated at 10 minutes per student). The overall SD/ELL burden is a factor of the number of students identified as SD/ELL. Based on most recent data, 22% of grade 4 students, 17% of grade 8, and 13% of grade 12 students were identified as SD/ELL.

3 It is estimated that 90% of the grade 8 teachers teach one subject and, thus, have 20 minutes of burden, while about 10% of the grade 8 teachers teach more than one subject and, thus, have 30 minutes of burden.

# 6. How, by Whom, and for What Purpose the Data Will Be Used

The purpose of NAEP is to collect and report assessment data on student achievement in the subject areas assessed for use in monitoring educational progress. In addition to reporting overall results of student performance and achievement, NAEP also reports student performance results for various subgroups of students and on various educational factors. The Governing Board sets guidance for what is asked in the questions. NCES is responsible for developing the questions and for selecting the final set of questions. The questions are designed to (a) provide the information for disaggregating data according to categories specified in the legislation,[[10]](#footnote-11) (b) provide contextual information that is subject specific (e.g., reading, mathematics) and has an impact and known relationship to student achievement, and (c) provide policy-relevant information specified by the Governing Board. An expanded description of the purposes of the data is provided in the system clearance submittal.

# 7. Estimates of Costs to the Federal Government

Table 6 provides estimates for the 2016 administrations.

## Table 6: Administration Cost Estimates

|  |  |  |
| --- | --- | --- |
| **Activity** | **Provider** | **Estimated Cost** |
| Printing, packaging, and distribution phases of the administration including:   * prepare and package the assessment and all auxiliary materials * distribute assessment booklets and materials to the test administrators for each school | Pearson (the Materials, Distribution, Processing and Scoring [MDPS] contractor) | $2 million |
| Field administration including:   * administration of assessments and data collection from the field | Westat (the Data Collection contractor and the NAEP Support and Service Center [NSSC] contractor) | $5.4 million |
| Technology support and maintenance including   * web operations * maintenance costs related to the support of the technology-based assessments | Fulcrum IT Services | $4.5 million |
| **Total** |  | **$11.9 million** |

# 

# Appendix A: Committee Lists[[11]](#footnote-12)

**NAEP Survey Questionnaires Committee**

**Name Affiliation**

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Victoria Young Texas Education Agency

# Appendix B: Sample Parent/Guardian Notification Letter

**NAEP (NAEP Assessment Year) PARENT/GUARDIAN NOTIFICATION LETTER**

(School Letterhead)

**(Insert Date Here)**

Dear Parent or Guardian:

We are pleased to notify you that (school name) has been selected to represent schools across the nation by participating in the National Assessment of Educational Progress (NAEP). First administered in 1969, NAEP is the largest nationally representative assessment of what students know and can do in various subject areas. It is administered by the National Center for Education Statistics (NCES), within the U.S. Department of Education. NAEP is different from state assessments because it provides a common measure of student achievement across the country. The results of NAEP are released as The Nation's Report Card, which provides information about student achievement to educators, parents, policymakers, and the public.

In our school, the NAEP assessment will be given on (date) in (subject)*.* Your child (may be/has been) selected to take the assessment. In addition to subject area questions, students will be asked some questions about themselves and their educational experience. These questions provide contextual information for the assessment, as well as information that may be related to students’ learning. If you would like to view sample subject area and student questions, please visit <http://nationsreportcard.gov/parents.asp>.

It will take about (assessment time) minutes for most students to participate in the assessment. The results are completely confidential (in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347), and the information provided will be used for statistical purposes only. Your child’s grades will not be affected. Your child may be excused from participation for any reason, is not required to complete the assessment, and may skip any question. While NAEP is voluntary, we depend on student participation to provide an accurate measure of student achievement that will inform improvements in education. Your child will represent many other students, so participation is very important.However, if you do not want your child to participate, please notify me in writing by (date).

There is no need to study in preparation for NAEP. We do, however, ask parents to encourage their children to do their best and get plenty of rest the night before the assessment. A brochure that explains what participation in NAEP means for you and your child is available at <http://nces.ed.gov/nationsreportcard/pdf/parents/2012469.pdf>. Should you have questions, please contact me at (telephone number) or at (e-mail address).

We are excited that our school will be participating in NAEP and pleased that your child (may be/has been) selected. We know that (school name)'s students will help us show what our nation’s students know and can do.

Sincerely,

School Principal

# Appendix C: List of New/Revised/Trend Items

Since the majority of items for the following questionnaires (Core, Mathematics, Reading, and Writing – lists 1-4) are new or revised, we have listed the trend items in these lists. All other items are new/revised.

1. **List of Core Trend Items (2016 Pilot)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Core Student | 4 | 1, 2, 3, 4a, 4b, 4c, 4d, 4e, 5, 6, 7, 8, 9, 10 |
| Core Student | 8 | 1, 2, 3, 4a, 4b, 4c, 4d, 4e, 5, 6, 7, 8, 9, 10 |
| Core Student | 12 | 1, 2, 3, 4a, 4b, 4c, 4d, 4e, 5, 6, 7, 8, 9, 10, 11, 12 |
| Core Teacher | 4 | 1, 2, 3, 5, 6, 7, 8, 9, 9a, 9b, 9c, 9d, 9e, 9f, 9g, 9h, 9i, 10, 11, 11a, 11b, 11c, 11d, 11e, 11f, 11g, 11h, 11i, 11j, 11k, 11l, 12, 12a, 12b, 12c, 12d, 12e, 12f, 12g, 12h, 12i, 13, 13a, 13b, 13c, 13d, 13e, 13f, 13g, 14, 14a, 14b, 14c, 14d, 14e, 14f, 14g, 14h, 14i, 14j, 14k, 14l, 15, 16, 16a, 16b, 16c, 16d, 16e |
| Core Teacher | 8 | 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 11a, 11b, 11c, 11d, 11e, 11f, 11g, 11h, 11i, VH240204 12, 13, 13a, 13b, 13c, 13d, 13e, 13f, 13g, 13h, 13i, 13j, 13k, 13l, 14, 14a, 14b, 14c, 14d, 14e, 14f, 14g, 14h, 14i, 15, 15a, 15b, 15c, 15d, 15e, 15f, 15g, 16, 16a, 16b, 16c, 16d, 16e, 16f, 16g, 16h, 16i, 16j, 16k, 16l, 17, 17a, 17b, 17c, 17d, 17e, 17f, 17g, 17h, 17i, 17j, 17k, 17l, 18, 18a, 18b, 18c, 18d, 18e, 19, 19a, 19b, 19c, 19d, 19e, 19f |
| Core School | 4 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 14a, 14b, 14c, 14d, 14e, 15, 16, 16a, 16b, 17, 19, 19a, 19b, 20, 21, 22, 23, 39,40, 41, 42, 43, 44, 45, 46, 46a, 46b, 46c, 46d, 46e, 46f, 46g, 46h, 46i |
| Core School | 8 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 14a, 14b, 14c, 14d, 14e, 15, 16, 16a, 16b, 17, 19, 19a, 19b, 20, 21, 22, 23, 39, 40, 41, 42, 43, 44, 45, 46, 46a, 46b, 46c, 46d, 46e, 46f, 46g, 46h, 46i |
| Core School | 12 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 14a, 14b, 14c, 14d, 14e, 15, 16, 16a, 16b, 17, 19, 19a, 19b, 20, 21, 22, 23, 23a, 23b, 23c, 23d, 23e, 24, 39, 40, 41, 42, 43, 44, 45, 46, 46a, 46b, 46c, 46d, 46e, 46f, 46g, 46h, 46i |

*Note: Trend items are items that have been administered in previous operational questionnaires.*

1. **List of Mathematics Trend Items (2016 Pilot)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Math Student | 4 | 6, 8 |
| Math Student | 8 | 3, 6a, 6b, 6c, 6f, 6g, 6h, 6I, 7a, 7b |
| Math Teacher | 4 | 1, 5 , 8a, 12a, 12b, 12c, 12d |
| Math Teacher | 8 | 1, 3, 7a, 11a, 11b, 11c, 11d |
| Math School | 4 | 3a, 3b, 3c, 3d, 4, 5, 6a, 6b, 6c, 6d, 6e, 7a, 7c, 7d, 7e, 7h |
| Math School | 8 | 3a, 3b, 3c, 3d, 5a, 5c, 5d, 5e, 5h |

*Note: Trend items are items that have been administered in previous operational questionnaires.*

1. **List of Reading Trend Items (2016 Pilot)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Reading Student | 4 | 5, 7, 9, 11, 13, 15, 18, 20, 32, 33, 34 |
| Reading Student | 8 | 5, 7, 9, 11, 13, 15, 17, 20, 22, 34, 35, 36 |
| Reading Teacher | 4 | 2, 4, 5, 7, 9, 9a, 9b, 9c, 9d, 13, 13a, 13b, 13c, 13d, 13e, 14, 14a, 14b, 14c, 14d, 14e, 16, 16a, 16b, 16c, 16d, 16e, 16f, 16g, 16h, 17, 17a, 17b, 17c, 17d, 17e, 17f |
| Reading Teacher | 8 | 2, 3, 5, 7, 9, 9a, 9b, 9c, 9d, 9e, 9f, 9g, 13, 13a, 13b, 13c, 13d, 13e, 13f, 13g, 13h, 15, 15a, 15b, 15c, 15d, 15e, 15f, 17, 17a, 17b, 17c, 17d, 18, 18a, 18b, 18c, 18d, 18e, |
| Reading School | 4 | 1, 3, 4, 4a, 4b, 8, 8a, 8b, 8c, 8d, 8e, 8f, 8g, 8h |
| Reading School | 8 | 1, 3, 4, 4a, 4b, 5, 5a, 5b, 5c, 5d, 5e, 5f, 6, 6a, 6b, 6c, 6d, 6e, 6f, 7, 7a, 7b, 7c, 7d, 7e, 7f, 7g, 7h, 8, 8a, 8b, 8c |

*Note: Trend items are items that have been administered in previous operational questionnaires.*

1. **List of Writing Trend Items (2016 Pilot)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Writing Student | 8 | 11, 11a, 11b, 11c, 13, 13a, 13b, 13c, 13d, 22, 22a, 22b, 23, 23a, 23b, 24, 25, 26 |
| Writing Student | 12 | 11, 11a, 11b, 11c, 13, 13a, 13b, 13c, 13d, 22, 22a, 22b, 23, 23a, 23b, 24, 25, 26 |
| Writing Teacher | 8 | 3, 3a, 3b, 3c, 14a, 14b, 14c, 14d, 16c |
| Writing School | 8 | 6b, 6c, 6d, 6e, 6f, 7, 7a, 7b |
| Writing School | 12 | 6b, 6c, 6d, 6e, 6f, 7, 7a, 7b |

*Note: Trend items are items that have been administered in previous operational questionnaires.*

For lists 5-7 (Arts, Puerto Rico POC), we have listed the new items since the majority of these questionnaires contain trend items.

1. **List of Core New/Revised Items (Arts)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Arts Core School | 8 | 13 |

*Note: New/Revised items are items that have not been administered in previous operational questionnaires.*

1. **List of Core New/Revised Items (Puerto Rico POC)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| PR Core School | 4 | 13 |
| PR Core School | 8 | 13 |

*Note: New/Revised items are items that have not been administered in previous operational questionnaires.*

1. **List of New/Revised Study Specific Items (Puerto Rico POC)**

|  |  |  |
| --- | --- | --- |
| **Questionnaire** | **Grade** | **Trend Items** |
| Study-Specific Student | 4 | All items |
| Study-Specific Student | 8 | All items |

*Note: New/Revised items are items that have not been administered in previous operational questionnaires.*

There are no new or revised items for the Math components of the PR POC Grades 4 and 8 student, teacher, and school questionnaires. There are also no new or revised items for the CAFS Grades 4 and 8 student questionnaires.

1. NCES collects student survey data, referred to as core questions, which are required by law (20 U.S.C. § 9622; i.e., race, ethnicity, and socioeconomic status) and which provide context for reporting student performance. [↑](#footnote-ref-2)
2. In 2016, NAEP will continue to prepare for the transition of reading, mathematics, and writing to digitally-based assessments (DBA) for operational use in 2017. These pilots will be administered on touch-screen devices (tablets). [↑](#footnote-ref-3)
3. The purpose of the POC study in Puerto Rico is to alert NCES to issues related to the preparation for administering mathematics in Puerto Rico in 2017. [↑](#footnote-ref-4)
4. The Puerto Rico POC Study will include the following types of survey questions: core, mathematics, Computer Access and Familiarity Study (CAFS), and study-specific. An adapted version of the core questions will be administered in Spanish in Puerto Rico, given that Spanish rather than English is the primary language in Puerto Rico. [↑](#footnote-ref-5)
5. The 2016 Sampling Memo draft (dated 2-25-2015) contains sampling information at the time of this submission. Estimates of the number of students being assessed have changed since 2/15 and the most recent estimates are in the burden tables of this submission. [↑](#footnote-ref-6)
6. Cognitive Lab results reports regarding the pretesting of the core, reading, mathematics, and writing questions are provided in appendix F. [↑](#footnote-ref-7)
7. Note: There are no teacher questionnaires for the grade 8 arts assessments or for grade 12 subjects. [↑](#footnote-ref-8)
8. The time for the cognitive sections is not included in the burden calculation. [↑](#footnote-ref-9)
9. The most recent data on the percent of students identified as SD/ELL are from 2013 and 2014(see the NAEP Data Explorer, <http://nces.ed.gov/nationsreportcard/naepdata/dataset.aspx>, under the variable “Student disability or English Language Learner status.” [↑](#footnote-ref-10)
10. Education Sciences Reform Act of 2002 (ESRA), National Assessment of Educational Progress (20 USC § 9622). [↑](#footnote-ref-11)
11. There is currently not an active Arts committee. [↑](#footnote-ref-12)