



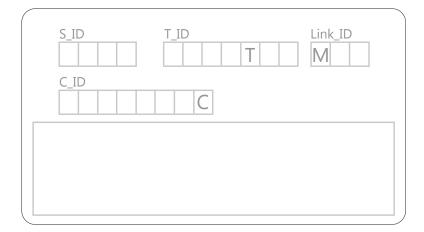
Spring 2015 Mathematics Teacher Questionnaire Child Level

Prepared for the U.S. Department of Education
National Center for Education Statistics by:

Westat Rockville, Maryland

Use a black or blue ball point pen to complete this questionnaire.

RETURN THIS COMPLETED QUESTIONNAIRE IN THE SEALED TYVEK® ENVELOPE DIRECTLY TO YOUR SCHOOL COORDINATOR OR AN ECLS-K:2011 STAFF MEMBER. <u>DO NOT MAIL</u> THIS QUESTIONNAIRE UNLESS YOU ARE ASKED TO DO SO BY STUDY STAFF AND ARE PROVIDED WITH AN ENVELOPE FOR MAILING.



According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this voluntary survey is 1850-0750. Approval expires 11/30/2017. The time required to complete this survey is estimated to average 13 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the survey. If you have any comments concerning the accuracy of the time estimate or suggestions for improving this survey, or any comments or concerns regarding the status of your individual submission of this survey, please write to: Early Childhood Longitudinal Study, National Center for Education Statistics, 1990 K Street, N.W., Washington, D.C. 20006-

The collection of information in this survey is authorized by 20 U.S. Code, Section 9543. Participation is voluntary. You may skip questions you do not wish to answer; however, we hope that you will answer as many questions as you can. Your responses are protected from disclosure by federal statute (20 U.S. Code, Section 9573). All responses that relate to or describe identifiable characteristics of individuals may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law. Data will be combined to produce statistical reports. No individual data that links your name, address, telephone number, or identification number with your responses will be included in the statistical reports.





Dear Teacher,

This questionnaire is an important part of a major longitudinal study of children's early educational experiences beginning with kindergarten and continuing through grade 5. You have received this questionnaire because you teach **mathematics** to one or more of the children who are participants in this study.

The Early Childhood Longitudinal Study, Kindergarten Class of 2010-2011 (ECLS-K: 2011) is collecting information from teachers of children who are in the study to investigate the relationship between children's academic progress and various school, classroom, teacher, and home characteristics. Taking part in the study is voluntary. You may stop at any time or choose not to answer a question you do not want to answer. However, only you can provide this information. Although we realize you are very busy, we urge you to complete this questionnaire as completely and accurately as possible. The information you provide is being collected for research purposes only and will be protected from disclosure to the fullest extent allowable by law (Education Sciences Reform Act of 2002, 20 U.S.C. § 9573). Information from multiple individuals will be combined to produce statistical reports; no information that identifies you will be included in any reports or provided to students, their parents, or other school staff.

This questionnaire has two parts:

- Part 1 should be completed for the child whose name is on the cover of this questionnaire.
- Part 2 has questions about your mathematics class you only need to fill out Part 2 if there is a **red dot** next to the child's name on the cover of the questionnaire.

The instructions preceding each part of the questionnaire will guide you.

Please record your answers directly on the questionnaire by marking the appropriate answer (as instructed on page 4) or by writing your responses in the space provided. Your best estimates are acceptable answers.

THANK YOU VERY MUCH FOR YOUR HELP.



MARKING DIRECTIONS

PLEASE READ CAREFULLY AND USE A BLACK OR BLUE BALL POINT PEN TO COMPLETE THIS QUESTIONNAIRE. DO NOT USE PENCIL OR FELT-TIP PEN.

MARKING BOXES

It is important that you mark an "X" in the box next to your answers and print clearly.

Shown below is the correct way to mark your answers, along with examples of incorrect ways.

Correct Mark:



Incorrect Marks:

Light and thin, outside the box, thick or scrawled.



How to Change an Answer:

Completely black out the box of the incorrect answer and mark an "X" in the box next to the correct answer.



PRINTING ANSWERS IN BOXES

Answers should be printed clearly and should not touch or cross any of the box lines. Do not cross zeroes or sevens. That is, do not write a zero with a line through it like this – θ , and do not write a seven with a line through it like this – \mathcal{F} .

Write one number per box like this:

1 2 3 4 5 6 7 8 9	0
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Write words like this:

John Smith



PART 1:

Please answer the questions in Part 1 about the child identified on the cover of this questionnaire.



SECTION A. STUDENT INFORMATION

Please answer the following questions about the child identified on the cover of this questionnaire.

A1.	Are you this child's primary teacher in the following subject areas? MARK YES OR NO ON EACH ROW.						
		Yes	No				
	a. Reading/language arts						
	b. Mathematics						
	c. Science						
	d. Social studies						
A2.	How long has this child been in your math class this school year until now	? MARK ONE	E RESPONSE.				
	Entire school year until now						
	More than one semester but less than the entire school year until now						
	More than one quarter but less than one semester						
	Less than one quarter of the school year						
A3.	Please indicate the total number of times this child has been absent from the current school year. MARK ONE RESPONSE.	your math c	lass during				
	No absences						
	1 to 4 absences						
	5 to 7 absences						
	8 to 10 absences						
	11 to 19 absences						
	20 or more absences						
A4.	Does this child receive (or has he/she received during this school year) ins following types of programs in your school? MARK YES OR NO ON EACH R		ny of the				
		Yes	No				
	a. Individual tutoring or remedial program in mathematics						
	b. Gifted and talented program in mathematics						



A5.	Is English this child's native language? MARK ONE RESPONSE.
	Yes (SKIP TO Q A7)
	□ No
	Don't know
A6.	During this school year, how often is this child's <u>math instruction</u> provided in his/her native language? MARK ONE RESPONSE.
	None of the time
	Less than half of the time
	Half of the time
	More than half of the time
	Almost all the time
A7 .	Overall, how would you rate this child's academic skills in MATH, based on curriculum standards for his/her current grade level? MARK ONE RESPONSE.
	Below grade level
	About on grade level
	Above grade level
A8.	How often does this child work to the best of her/his ability in MATH? MARK ONE RESPONSE.
	Never
	Seldom
	Usually
	Always
A9.	How many instructional groups based on achievement or ability levels in MATHEMATICS do
AJ.	you currently have in this child's class? MARK ONE RESPONSE.
	I do not use instructional groups for mathematics (SKIP TO PART 2, PAGE 9)
	Two
	Three
	Four
	□ Five or more



A10.	In which mathematics instructional group is this child currently placed? USE "1" FOR THE HIGHEST
	INSTRUCTIONAL GROUP. WRITE THE NUMBER OF THE CHILD'S INSTRUCTIONAL GROUP BELOW.
	Instructional Group

If there is a red dot next to the child's name on the cover of this questionnaire, please continue with Part 2.

If there is no red dot next to the child's name on the cover, skip to question E4 on page 20.



PART 2:

To be completed <u>only</u> if there is a red dot next to the child's name on the cover of this questionnaire.

If there is no red dot next to the child's name on the cover, skip to question E4 on page 20.



SECTION B. MATHEMATICS INSTRUCTION

Please answer the following questions for the math class in which the child on the cover of this questionnaire receives math instruction.

B1. <u>From the first day of school until today</u>, please indicate on how many days you have covered each of the following MATHEMATICS skills and concepts <u>in this child's class</u>. Please include the time during which you provide direct instruction as well as the time you spend supervising students as they work.

Please focus on the skill areas that are shown in bold text. (The unbolded examples are only a sample of things you may do or cover under this skill area.) MARK ONE RESPONSE ON EACH ROW.

		Not yet taught or not taught in this grade	On 1-10 days	On 11-20 days	On 21-40 days	On 41-80 days	On more than 80 days
a	solving problems to solve problems, for example, solving problems by multiplying or dividing two whole numbers; solving multiple-step word problems that use several different operations; interpreting remainders; finding factor pairs; etc.						
b	. Using algebraic thinking , for example, solving word problems by representing the problem as an equation with a symbol for the unknown number; etc.						
C	. Understanding place value , for example, reading and writing multi-digit whole numbers; comparing two numbers based on meanings of the digits in each place; using understanding of place value to round whole numbers to any place; etc.						
d	. Adding and subtracting multiple-digit numbers using strategies based on place value and properties of operations						
е	. Understanding fractions , for example, comparing fractions with different numerators or denominators; adding and subtracting fractions; multiplying fractions by whole numbers; understanding the relationship between decimals and fractions; etc.						
f.	Solving problems involving measurement, for example, solving problems involving measures of distance, time, volume, or money; understanding the relative size of units of measurement; finding the area or perimeter of rectangles; etc.						
g	Representing and interpreting data, for example, making line plots or other visuals to display fractions of a unit; using addition and subtraction of fractions to answer questions about a line plot; etc.						
h	Drawing and identifying lines and angles, for example, drawing points, lines, line segments, rays, angles, and perpendicular and parallel lines; recognizing right triangles; understanding lines of symmetry; etc.						



B2. How often do the children in this class engage in the following mathematics activities? MARK ONE RESPONSE ON EACH ROW.

		Almost every day	Once or twice a week	Once or twice a month	Less than once a month or never
a.	Solve mathematics problems from textbooks or worksheets				
b.	Solve mathematics problems from the blackboard, whiteboard/SMART Board®, or projector				
C.	Solve mathematics problems in small groups or with a partner				
d.	Work with measuring instruments (for example, rulers, compasses, protractors)				
e.	Work with manipulatives (for example, geometric shapes, fraction bars)				
f.	Use a calculator				
g.	Take mathematics tests/quizzes				
h.	Write a few sentences about how to solve a mathematics problem				
i.	Discuss solutions to mathematics problems with other students				
j.	Work on and discuss mathematics problems that reflect real-life situations				
k.	Use a computer for math (beyond using a computer's calculator)				
l.	Create or interpret visual representations (for example, diagrams, graphs, tables, models)				



SECTION C. CLASSROOM AND STUDENT CHARACTERISTICS

Please answer the following questions for the math class in which the child identified on the cover of this questionnaire receives math instruction.

C1 .	1. As of today's date, how many children						
	WRI	TE NUMBER IN BOX. IF THERE ARE NO CHILDREN IN A PARTICULAR CA	ATEGORY, WRITE "C	0."			
		_	Number of children				
	a.	Are currently enrolled in this class?					
	b.	Are boys?					
	C.	Are girls?					
C2.	Wha	t grade levels are included in this class? MARK ALL THAT APPLY.					
	a.	2nd grade or lower					
	b.	3rd grade					
	C.	4th grade					
	d.	5th grade					
	e.	6th grade or higher					
C3.		nmany of the children in this class are repeating their grade this year. ONE, WRITE "O."	ear? WRITE NUMB	ER IN BOX.			
		Number of children repeating their grade					



C4.	How many	children	in th	nis class
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WRITE NUMBER IN BOX. IF NONE, WRITE "0."

		Number of children
	a. Are classified as Gifted and Talented?	
	b. Are participating in a Gifted and Talented program?	
C5.	How many children in this class are absent on an average day? WRITE NUMBE WRITE "0."	ER IN BOX. IF NONE,
	Number of children absent on an average day	
C6.	How many children in this class are below grade level, about on grade level, in mathematics skills?	or above grade level
	WRITE NUMBER IN BOX. IF NONE, WRITE "0."	
	Number of children below grade level	
	Number of children about on grade level	
	Number of children above grade level	
C 7.	At this point in the school year, how would you rate the behavior of the child MARK ONE RESPONSE.	lren in this class?
	Group misbehaves very frequently and is almost always difficult to handle.	
	Group misbehaves frequently and is often difficult to handle.	
	Group misbehaves occasionally.	
	Group behaves well.	
	Group behaves exceptionally well.	



C8.	Approximately what percentage of the students in this class demonstrate the following problems? MARK ONE RESPONSE ON EACH ROW.								
		_	0%	1-10%	11-25%	26-50%	51-75%	76-100%	
	a.	Have difficulty paying attention in class							
	b.	Lack self-control (disruptive behavior)							
	c.	Are rejected by peers							
	d.	Do not accept authority							
		rce: Abry, T., Swanson, J., and Fabes, R. A. (2012). <i>The C</i> oublished measure. Adapted with permission.	Classroom E	nvironment Si	tudent Difficul	ties Scale. Ariz	zona State Un	iversity,	
C 9.		w many children in this class have a diagray $TE \ "O."$	nosed dis	ability? И	/RITE NUME	BER IN BOX	í. IF NONE	·,	
		Number of children							
C10.	lear liste	you have any children who are English la mers are children <u>whose native language</u> ening, speaking, reading, or writing Engli pol instruction in English.) MARK ONE RE	<u>is one ot</u> sh are su	ther than E	<u>inglish</u> and	l whose sk	ills in	ng	
		Yes							
		No (SKIP TO Q D1)							
C11.		v many English language learners (ELLs) (NE, WRITE "0."	do you h	ave in this	class? WR	RITE NUMBI	ER IN BOX.	IF	
		Number of ELL children							



D2.

SECTION D. CLASSROOM INSTRUCTION AND EVALUATION

Please answer the following questions for the math class in which the child identified on the cover of this questionnaire receives math instruction.

D1. In a typical day, how much time do children in this math class spend in the following activities? MARK ONE RESPONSE ON EACH ROW. DO NOT INCLUDE LUNCH OR RECESS BREAKS.

			No time	1-15 minutes	16-30 minutes	31-45 minutes	Longer than 45 minutes
	a.	Working independently					
	b.	Working on individual tasks under teacher direction					
Do who	C.	Working with peers under teacher direction					
	d.	Working in small groups with teacher					
	e.	Teacher lecture with large group and/or large group discussion led by teacher					
\ /-	vho PROV	ny of the following staff members prov are <u>struggling or at risk of failure</u> in ma INDE DIRECT INSTRUCTION EITHER IN THI APROFESSIONALS/AIDES. MARK YES OR N	ath? INCL S CLASS C	LUDE STAFF C OR IN A PULL-	THER THAN	YOURSELF I	NHO
						Yes	No
	a.	A math specialist/interventionist who has training in MATH instruction	specialize	ed			
	b.	A special education teacher					



D4.

D3. In this class, how frequently do you or your students use computers or the following electronic devices for instructional purposes in math? Please include any desktop, laptop, or other computer-type devices. MARK ONE RESPONSE ON EACH ROW.

		Not available	Never	Rarely	Sometimes	Often		
a.	Desktop or laptop computer or other computer-type device (for example, iPad/other tablet, eReader such as Kindle or Nook)							
b.	Cell phone/smartphone (for example, iPhone)							
C.	Interactive whiteboard (for example, SMART Board, Activboard)							
d.	Document camera or document projector (for example, ELMO, HoverCam)							
e.	LCD or DLP projector							
f.	Digital camera (still or video)							
g.	CD player, MP3 player/iPod, cassette/tape player							
h.	DVD player, VCR, or video streaming device (for example, Roku)							
i.	TV							
j.	Student response system (for example, clickers, responders, ActiVote, ActivExpression)							
k.	Microphone or classroom audio sound system (for example, TopCat, Redcat)							
coui	In an average week, how many days a week is math homework assigned in this math class? Please count homework assigned over the weekend as one day. MARK ONE RESPONSE.							
\equiv	0 days (SKIP TO Q D6)							
\equiv	1 day 2 days							
=	2 days 3 days							
\equiv	4 days							
=	5 days							



	days when nomework is assigr homework in math? MARK ON			do you e	xpect chii	aren in th	is class to	spena
	1 to 10 minutes							
	11 to 20 minutes							
	21 to 30 minutes							
	More than 30 minutes							
	his class, how often do you use RK ONE RESPONSE ON EACH RO		assessme Once a		H for the 3 to 4 times a	following 5 to 8 times a	purposes 1 to 2 times a	? 1 to 2 times a
		Never	year	a year	year	year	month	week
a.	To evaluate how well each student is responding to the core curriculum provided in the general education classroom							
b.	To monitor each student's progress on specific skills over the school year							
C.	To identify the deficits in specific skills of struggling students							
d.	To monitor the progress of students who fall below benchmark levels							
e.	To determine whether students need placement in a more or less intensive level of instruction							



Please answer the following question about the school's practices regarding math.

D7. For each of the following statements about MATH indicate how strongly you agree or disagree. MARK ONE RESPONSE ON EACH ROW.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
a.	This school has a set of clear, predetermined, grade-level benchmarks (that is, cut scores, goals/targets, or percentiles) that are used to determine which students are struggling or at risk of failure in math in fourth grade.						
b.	This school has clear, predetermined criteria for determining the level of intervention <u>fourth-grade</u> <u>students</u> will receive in math.						
C.	This school has clear, predetermined criteria for determining when <u>fourthgrade students</u> no longer need a math intervention.						



SECTION E. STAFF ACTIVITIES

1.	Did you participate in any professional development* within the last 12 months? <i>MARK ONE RESPONSE.</i>										
		Yes									
		No (SKIP TO Q E3)									
	,	Professional development may include continuity workshops, or in-service training; staff meetings receiving coaching or mentoring.	_								
2.		How often did you participate in professional development activities covering the following topic in the last 12 months? MARK ONE RESPONSE ON EACH ROW.									
			Never	Once	2 times	3 to 4 times	More than 4 times				
	a.	How to use assessment data to identify students who are struggling or at risk of failure in MATH									
	b.	How to use and apply assessment data to guide MATH instruction									
	C.	How to implement the MATH curriculum									
3.	yea	ve you received support from any of the folloor? MARK ONE RESPONSE ON EACH ROW. IF THE COLUMN.	_		_	E TO YOU pport eived					
				received	availa	-	available				
	a.	A school or district staff member whose role is provide ongoing training and support to class teachers in the delivery of effective MATH instruction									
	b.	A school or district staff member who provide ongoing training and support to classroom te in the delivery of effective behavioral supports	achers]					
	C.	A school or district staff member who support teachers in collecting, organizing, and managi assessment data]					
	d.	A school or district staff member who support teachers in the interpretation and use of asses data to guide instruction]					



E4. Date Questionnaire Completed:

MONTH DAY YEAR

THANK YOU FOR YOUR COOPERATION!







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