



Spring 2014 Teacher Questionnaire

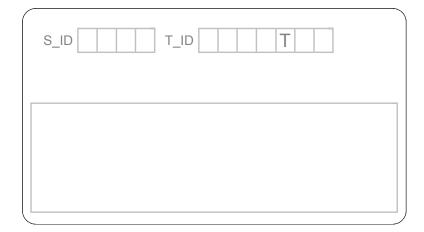
Prepared for the U.S. Department of Education

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. DO NOT MAIL 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 information collection is 1850-0750. Approval expires 12/31/2016. The time required to complete both the classroom and subject questionnaires is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information requested. If you have any comments concerning the accuracy of the time estimate or suggestions for improving the survey instrument, please write to: U.S. Department of Education, Washington, D.C. 20202-4537. If you have comments or concerns regarding the status of your individual response to this survey, write directly to: National Center for Education Statistics, 1990 K Street, N.W., Room 9086, Washington, D.C. 20006-5574.

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 are the teacher of one or more of the children who are participants in this study.

This questionnaire contains several sections:

- a) Classroom and student characteristics
- b) Class organization and resources
- c) Parent involvement
- d) Evaluation and grading practices
- e) School and staff activities
- f) Views on school climate and the school environment
- g) Teacher background

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.

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.

DEFINING "YOUR CLASS"

Most of the items in this questionnaire ask you to provide information about "your class." By the term "your class," we generally mean the group of students who spend the majority of their school day with you--though some or all of them may leave your classroom for certain activities, including some academic instruction.

In some schools, it may be easy for a teacher to decide which group of children to consider as his or her class, while in other schools it may not be as easy to decide. If you are not sure what group of children to think about when answering questions about "your class," please ask for assistance from the ECLS-K:2011 study representatives when they visit your school.

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 – 7.

Write one number per box like this:

1 2 3 4 5 6 7 8 9 0

Write words like this:

John Smith



SECTION A. CLASSROOM AND STUDENT CHARACTERISTICS

A 1.	As of today's date, how many children		
	WRITE NUMBER IN BOX. IF THERE ARE NO CHILDR	EN IN A PARTICULAR CAT	EGORY, WRITE "0.
		Number of children	
	a. Are currently enrolled in your class?		
	b. Have joined the class since the beginning of the school year?		
	c. Have left the class since the beginning of the school year?		
	d. Are boys?		
	e. Are girls?		
A2.	What grade levels are included in your class? MAR.	K ALL THAT APPLY.	
	a. 1st grade		
	b. 2nd grade		
	c. 3rd grade		
	d. 4th grade		
	e. 5th grade or higher		
A3.	During this school year have you taught the followin	g subjects to any or all of t	he students in you

During this school year have you taught the following subjects to any or all of the students in class? MARK ONE RESPONSE ON EACH ROW.

Yes, to all of the students in my class

a. Reading/language arts
b. Mathematics
c. Science
d. Social studies



A 4.	How many of the children in your BOX. IF NONE, WRITE "0."	class are repeatir	ng this grade this	year? WRITE NU	JMBER II
	Number of children repeating	ng this grade			
A 5.	How many children in your class . WRITE NUMBER IN BOX. IF NONE			Number of children	
	a. Are classified as Gifted and Ta	lented?			
	b. Are participating in a Gifted an	d Talented progra	m?		
A 6.	How many children in your class . WRITE NUMBER IN BOX. IF NONE			Number of	
				children	
	a. Are tardy, on an average day?				
	b. Are absent, on an average day	?			
A 7.	How many children in your class a level in each of the following subject WRITE NUMBER IN BOX. IF NONE	ects?	evel, about on gr	ade level, or abov	e grade
		Below grade level	About on grade level	Above grade level	
	a. English reading skills?				
	b. Mathematics skills?				



A8.		his point in the school year, how would year, Now would year, how would year, how would year, how would year,	you rate	the behavi	ior of the c	children in	your clas	s?
	П	Group misbehaves very frequently and is a	almost alv	vays difficul	It to handle			
	П	Group misbehaves frequently and is often		-				
	$\overline{\sqcap}$	Group misbehaves occasionally.						
	$\overline{\sqcap}$	Group behaves well.						
		Group behaves exceptionally well.						
A9.		proximately what percentage of the stude blems? MARK ONE RESPONSE ON EAC	_	our classro	oom demo	nstrates tl	ne followii	ng
		_	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						
		Source: Abry, T., Swanson, J., and Fabes, R. A. (2012) Iniversity, Unpublished measure. Adapted with permis		ssroom Enviro	nment Stude	nt Difficulties	S <i>cale.</i> Arizor	na State
A10.		v many children in your class have a dia NE, WRITE "0."	gnosed	disability?	WRITE N	UMBER IN	BOX. IF	
		Number of children						
A11.	lear liste	you have any children who are English ners are children whose native languagening, speaking, reading, or writing Engool instruction in English.) MARK ONE	e is one Jlish are	other than such that	English a	nd whose	skills in	
		Yes No (SKIP TO Q B1)						



How BOX	many English language learners (ELLs) do you have in your a. IF NONE, WRITE "0."	class? WRITE NUMBER IN
	Number of ELL children	
a.	English	
b.	Spanish	
C.	Vietnamese	
d.	A Chinese language	
e.	Japanese	
f.	Korean	
g.	A Filipino language	
h.	Arabic	
i.	An Asian Indian language	
j.	Sign language	
k.	Other language (PLEASE SPECIFY)	
	What for a a. b. c. d. e. f. g. h. i. j.	What languages are spoken by you or any other teacher or aide to for academic instruction, instructional support, or conversation? a. English b. Spanish c. Vietnamese d. A Chinese language e. Japanese f. Korean g. A Filipino language h. Arabic i. An Asian Indian language



SECTION B. CLASS ORGANIZATION AND RESOURCES

B1.		ing a typical day, how much cipline and handling disruptiv						d on class	room
		Less than 15 minutes a day							
		15 minutes to less than 30 min	nutes a da	ay					
		30 minutes to less than 45 mir	nutes a d	ay					
		45 minutes to less than 1 hour	a day						
	=	1 hour to less than 2 hours a d	lay						
	Ш	2 hours or more a day							
B2.	follo	v <u>often</u> does the typical child owing general subject areas, ngements? MARK ONE RES	whether	r as a who	le class, ir				alized
				Less					
				than					
		_	Never	than once a week	1 day a week	2 days a week	3 days a week	4 days a week	5 days a week
	a.	Reading and language arts	Never	once a	•	•	-	•	•
	a. b.	Reading and language arts Mathematics	Never	once a	•	•	-	•	•
			Never	once a	•	•	-	•	•
	b.	Mathematics	Never	once a	•	•	-	•	•
	b. c. d.	Mathematics Social Studies	Never	once a	•	•	-	•	•
	b. c. d.	Mathematics Social Studies Science	Never	once a	•	•	-	•	•
	b. c. d. e.	Mathematics Social Studies Science Music	Never	once a	•	•	-	•	•
	b.c.d.e.f.	Mathematics Social Studies Science Music Art	Never	once a	•	•	-	•	•
	b.c.d.e.f.g.	Mathematics Social Studies Science Music Art Physical education	Never	once a	•	•	-	•	•



B4.

B5.

B3. On the days children work in these areas, how much time does the typical child in your class usually work on lessons or projects in the following general subject areas? MARK ONE RESPONSE ON EACH ROW.

		Not applicable/ never	Less than ½ hour a day	½ hour to less than 1 hour	1 to less than 1 ½ hours	1 ½ to less than 2 hours	2 to less than 2 ½ hours	2 ½ to less than 3 hours	3 hours or more	
a.	Reading and language arts									
b.	Mathematics									
C.	Social Studies									
d.	Science									
e.	Music									
f.	Art									
g.	Physical educati	on 🔲								
h.	Dance/creative movement									
i.	Theater/creative dramatics									
j.	Foreign languag (excluding Englist for ELL students	sh 🔲								
How often do the children in your class go to the school library or media center? MARK ONE RESPONSE. No library or media center in this school Once a month or less Two or three times a month Once or twice a week Three or four times a week Daily										
	many days a wo	eek do child	dren have	recess?	WRITE NU	IMBER IN	I BOX. IF N	ONE, WR	ITE "0"	
	Days per week									



B6.		days when children ha e, how many times a da					dismissal
		Once					
		Twice					
		Three or more times					
B7.		typical day, how muc RK ONE RESPONSE O			ass spend in	the following a	activities?
		_	No time	1-15 minutes	16-30 minutes	31-45 minutes	Longer than 45 minutes
	a.	Lunch					
	b.	Free play outdoors (including recess)					
B8.	are :	any of the following sta struggling or at risk of URSELF WHO PROVIDE TING. EXCLUDE PARA	<u>failure</u> in rea	ding or math? In	NCLUDE STA HER IN YOUR	AFF OTHER THA CLASS OR IN	AN A PULL-OUT
						Yes	No
	a.	A READING specialist training in reading instr		t who has speciali	zed		
	b.	A MATH specialist/inte in math instruction	rventionist wh	o has specialized	training		
	C.	A special education te	acher				



How frequently do you or your students use computers or the following electronic devices for instructional purposes? Please include any desktop, laptop, or other computer-type devices. *MARK ONE RESPONSE ON EACH ROW.* B9.

	IVIA	KK ONE KESFONSE ON EACH	Not available	e Never	Rarely	Sometimes	Often
	a.	Computer (desktop, laptop or other computer-type device such as a tablet)					
	b.	LCD or DLP projector					
	C.	Interactive whiteboard (for example, SMART Board, Activboard)					
	d.	Digital camera (still or video)					
	e.	CD player or MP3 player/iPoo	t 🔲 t				
	f.	DVD player or VCR					
	g.	TV					
	h.	Other electronic devices (PLEASE SPECIFY)					
B10.	assi	n average week, how many d gned over the weekend as or 0 days (SKIP TO Q C1) 1 day 2 days 3 days 4 days 5 days	ne day. <i>MAI</i>	RK ONE RESI	PONŜE.		
511.		nework in the following areas					More
		<u>h</u>	assign omework	1 to 10 minutes	11 to 20 minutes	21 to 30 minutes	than 30 minutes
	a.	Reading and language arts					
	b.	Math					
	C.	Science					



SECTION C. PARENT INVOLVEMENT

C1.		many regularly scheduled conference d in your class during the school year?	•		_	ardian of e	each
		No conferences					
		One conference					
		Two conferences					
		Three or more conferences					
00	10 //	dan and a second a			-14- to 4b	. Callanda	
C2.		at percentage of children in your class vities? MARK ONE RESPONSE ON EAC	•	who parti	cipate in th	e followin	g
							76% or
			0%	1-25%	26-50%	51-75%	more
	a.	Attend teacher-parent conferences					
	b.	Volunteer regularly to help in your classroom or another part of the school					
	C.	Attend open houses or parties					
	d.	Attend art/music events or demonstrations					



SECTION D. EVALUATION AND GRADING PRACTICES

D1. How important is each of the following in evaluating the children in your class for reporting to parents? MARK ONE RESPONSE ON EACH ROW.

		Not important	Somewhat important	Very important	Extremely important
a.	Individual child's achievement relative to the rest of the class				
b.	Individual child's achievement relative to local, state, or professional standards				
C.	Individual improvement or progress over past performance				
d.	Effort				
e.	Class participation				
f.	Daily attendance				
g.	Classroom behavior or conduct				
h.	Cooperativeness with other children				
i.	Ability to follow directions				



D3.

instruction

D2. How often do you use a formal assessment in READING for the following purposes? MARK ONE RESPONSE ON EACH ROW.

		Never	Once a year	2 times a year	3 to 4 times a year	5 to 8 times a year	1 to 2 times a month	1 to 2 times a 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							
Ηον	instruction w often do you use a formal as	ssessmer	nt in MATH	I for the fo	ollowing	nurnoses'	? MARK (ONF.
	w often do you use a formal as	ssessmer Never	ot in MATH Once a year	I for the fo 2 times a year	ollowing 3 to 4 times a year	purposes [°] 5 to 8 times a year	? MARK (1 to 2 times a month	1 to 2
RE	w often do you use a formal as SPONSE ON EACH ROW.		Once a	2 times	3 to 4 times a	5 to 8 times a	1 to 2 times a	1 to 2 times a
RE	w often do you use a formal as SPONSE ON EACH ROW. To evaluate how well each student is responding to the core curriculum provided in the general education		Once a	2 times	3 to 4 times a	5 to 8 times a	1 to 2 times a	1 to 2 times a
a.	To evaluate how well each student is responding to the core curriculum provided in the general education classroom To monitor each student's progress on specific skills		Once a	2 times	3 to 4 times a	5 to 8 times a	1 to 2 times a	1 to 2 times a
a.	To evaluate how well each student is responding to the core curriculum provided in the general education classroom To monitor each student's progress on specific skills over the school year To identify the deficits in specific skills of struggling		Once a	2 times	3 to 4 times a	5 to 8 times a	1 to 2 times a	1 to 2 times a



SECTION E. SCHOOL AND STAFF ACTIVITIES

E1.		you participate in any professional deve SPONSE.	lopment* v	within the	e last 12 me	onths? /	MARK ONE
	=	Yes No (SKIP TO Q E3)					
	W	rofessional development may include continorkshops, or in-service training; staff meetin ceiving coaching or mentoring.					
E2.		often did you participate in professiona cs in the last 12 months? MARK ONE RE				ring the	following
			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 READING					
	b.	How to use assessment data to identify students who are struggling or at risk of failure in MATH					
	C.	How to use and apply assessment data to guide READING instruction					
	d.	How to use and apply assessment data to guide MATH instruction					
	e.	How to implement the READING curriculum					
	f.	How to implement the MATH curriculum	П	П	П	П	П



E3. Have you received support from any of the following staff members during the current academic year? MARK ONE RESPONSE ON EACH ROW. IF THE RESOURCE IS NOT AVAILABLE TO YOU, MARK THE LAST COLUMN.

		Yes, support received	No, support not received but available	Resource not available
a.	A school or district staff member whose role is to provide ongoing training and support to classroom teachers in the delivery of effective READING instruction			
b.	A school or district staff member whose role is to provide ongoing training and support to classroom teachers in the delivery of effective MATH instruction	on \square		
C.	A school or district staff member who provides ongoing training and support to classroom teachers in the delivery of effective behavioral supports			
d.	A school or district staff member to support teachers in collecting, organizing, and managing assessment data			
e.	A school or district staff member to support teachers in the interpretation and use of assessment data to guide instruction	s 🔲		



SECTION F. VIEWS ON SCHOOL CLIMATE AND SCHOOL ENVIRONMENT

F1. Please indicate the extent to which you agree or disagree with each of the following statements about your school. MARK ONE RESPONSE ON EACH ROW.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
a.	The level of child misbehavior (for example, noise, horseplay, or fighting in the halls or cafeteria) in this school interferes with my teaching.					
b.	Many of the children I teach are not capable of learning the material I am supposed to teach them.					
C.	Parents are supportive of school staff					
d.	There is a great deal of cooperative effort among the staff members.					
e.	There is a consensus among administrators and teachers on goals and expectations.					
f.	The academic standards at this school are too low.					
g.	The school administrator sets priorities, makes plans, and sees that they are carried out.					
h.	The school administration's behavior toward the staff is supportive and encouraging.					



F2. To what extent do you agree or disagree with the following statements? MARK ONE RESPONSE ON EACH ROW.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not applicable
a.	I am adequately trained to teach the children with disabilities who are in my class.						
b.	Inclusion of children with disabilities in my class has worked well.						
C.	I have the resources I need to teach the children in my class who have disabilities.						
d.	I am adequately trained to teach a class of students who have a wide range of READING skills.) <u> </u>					
e.	I have the resources I need to teach a class of students who have a wide range of READING skills.						
f.	I am adequately trained to teach a class of students who have a wide range of MATH skills.)					
g.	I have the resources I need to teach a class of students who have a wide range of MATH skills.						



F3.	To what extent do you agree or disagree with each of the following statements?	MARK ONE
	RESPONSE ON FACH ROW	

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
a.	The attitudes and habits students bring to my class greatly reduce their chances for academic success.					
b.	My success or failure in teaching is due primarily to factors beyond my control rather than to my own effort or ability.					
C.	The amount a student can learn is primarily related to family background.					
d.	I really enjoy my present teaching job.					
e.	If I could start over, I would choose teaching again as my career.					

F4. For each of the following statements about READING, 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 reading in third grade.						
b.	This school has clear, predetermined criteria for determining the level of intervention third-grade students will receive in reading.						
C.	This school has clear, predetermined criteria for determining when third-grade students no longer need a reading intervention.						



F5. 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 third grade.						
b.	This school has clear, predetermined criteria for determining the level of intervention third-grade students will receive in math.						
C.	This school has clear, predetermined criteria for determining when third-grade students no longer need a math intervention.						



SECTION G. TEACHER BACKGROUND

G1.	What is your gender? MARK ONE RESPONSE.
	Male
	Female
G2.	In what year were you born? WRITE IN YEAR BELOW.
	1 9 YEAR
G3.	Are you Hispanic or Latino? MARK ONE RESPONSE.
	Yes
	□ No
G4.	Which best describes your race? MARK ONE OR MORE RESPONSES TO INDICATE WHAT YOU CONSIDER YOURSELF TO BE.
	American Indian or Alaska Native
	Asian
	Black or African American
	Native Hawaiian or Other Pacific Islander
	White
G5.	What is the highest level of education you have completed? MARK ONE RESPONSE.
	Did not complete high school
	High school diploma or equivalent/GED
	Some college or technical or vocational school
	Associate's degree
	Bachelor's degree
	Master's degree
	An advanced professional degree beyond a master's degree (for example, Ph.D., MD)



G7.

G8.

G6. Counting this school year, how many years have you taught each of the following grades and programs, including years in which you taught part time?

WRITE THE NUMBER OF YEARS TO THE NEAREST FULL SCHOOL YEAR. IF THIS IS YOUR FIRST YEAR TEACHING, WRITE "1." WRITE "0" IF YOU HAVE NEVER TAUGHT THE GRADE OR PROGRAM LISTED.

		Total years grade or program taught			
a.	Preschool or kindergarten				
b.	First grade				
C.	Second grade				
d.	Third grade				
e.	Fourth grade				
f.	Fifth grade				
g.	Sixth grade or higher				
h.	English as a Second Language (ESL), bilingual education, and/or dual language program				
i.	Special education program				
j.	Program for gifted children				
Counting this school year, how many total years have you been a schoolteacher, including years in which you taught part time? WRITE THE NUMBER OF YEARS TO THE NEAREST FULL SCHOOL YEAR. IF THIS IS YOUR FIRST YEAR, WRITE "1." Year(s)					
Is th	is school year the first year you have taught in this school? MAYes	ARK ONE RESPONSE.			
	IF YOU DO <u>NOT</u> HAVE A DEGREE FROM A COLLEGE OR UNIVE (SKIP TO Q G11)	RSITY, CHECK HERE.			



G9.			ou have an associate's or bachelor's degree, indicate your undergly. MARK YES OR NO ON EACH ROW.	graduate ma	jor field of
				Yes	No
		a.	Early childhood education		
		b.	Elementary education		
		C.	Special education		
		d.	Other education-related major (such as secondary education, educational psychology, education administration, music education, etc.)		
		e.	Non-education major (such as history, English, etc.)		
G10.		-	u have a graduate degree, indicate the major field of study of you ee. MARK YES OR NO ON EACH ROW.	ır highest le	vel graduate
				Yes	No
		a.	Early childhood education		
		b.	Elementary education		
		C.	Special education		
			Other education-related major (such as secondary education, educational psychology, education administration, music education, etc.)		
		e.	Non-education major (such as history, English, etc.)		
		_	ou ever taken a college course that addressed issues related to t R NO ON EACH ROW.	the following	g? MARK
				Yes	No
	а		sing published research evidence to identify and select effective terventions and supports for students		
	b		sing formal assessment data to inform the choice of READING terventions and supports for students		
	С		sing formal assessment data to inform the choice of MATH terventions and supports for students		
	d		sing data to inform the choice of behavioral interventions and upports for students		



G12.	MARK ONE RESPONSE.
	Regular or standard state certificate or advanced professional certificate
	Certificate issued after satisfying all requirements except the completion of a probationary period
	Certificate that requires some additional coursework, student teaching, or passage of a test before regular certification can be obtained
	Certificate issued to persons who must complete a certification program in order to continue teaching
	I do not hold any of the above certifications in THIS state.
G13.	Date Questionnaire Completed:
	MONTH DAY YEAR

THANK YOU FOR YOUR COOPERATION!





For Office Use Only				
C - No DR	C - DR Comp			
C - DR Ref	Ref			

