

Attachment C.2

FOLLOW-UP TEACHER/ASSISTANT TEACHER SURVEY

The purpose of the Follow-up Teacher/Assistant Teacher Self-Report Survey is to collect information on characteristics of teachers and their early care and education centers that are theorized to: 1) affect implementation; and 2) moderate the impacts of the interventions, or the effects of quality on child outcomes, as indicated in the VIQI conceptual model. This attachment includes the following: (a) the follow-up survey, and (b) communication to teachers regarding this survey and related honorarium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB number for this information collection is 0970-XXXX and the expiration date is XX/XX/XXXXX.

Attachment C.2: VIQI Follow-up Teacher/Assistant Teacher Su April :	
NOTE: MANY OF THESE ITEMS ARE DRAWN FROM SURVEYS OF PRESCHOOL TEACHERS PREVIOUS USED IN STUDIES OF CURRICULUM-BASED INTERVENTIONS. THE SURVEY INCLUDES MULTIPLE ITEN AND SCALES FOR CERTAIN CONSTRUCTS. ONCE PRE-TESTING IS COMPLETED, DUPLICATES WILL B REMOVED AND SCALES WILL BE ADJUSTED.	ΜS

A. Introduction

Thank you for participating in the Variations in Implementation of Quality Interventions (VIQI) Project! As part of this study, we would like you to answer some questions about yourself and your experiences as a teacher in an early care and education center. This information is crucial to helping us understand the impacts of early care and education centers on children.

Your participation is completely voluntary, and you may skip any questions you do not wish to answer. Your decision to participate will not have any effect on your job. The study team will follow strict procedures to protect your responses, and your responses will only be used for research and program improvement purposes. Your responses will be stored in password protected computer files and in locked research facilities. The data will be used only by the research team and other researchers bound by the same security requirements described here. We also may share de-identified responses with other researchers looking at other education research topics who agree that they will protect your information.

Please complete this questionnaire within the next [X] days. Once complete, please send it back to [ADDRESS]. It will take approximately 45 minutes in total to complete. If you have any questions, please contact your project liaison at [PHONE] or [email].

Thank you!

B. Demographic Information

1.	Today's Date:			/			/ 2019
		М	М		D	D	

2. What is your position in your current center?

SELECT ONE RESPONSE OPTION THAT BEST DESCRIBES YOUR CURRENT POSITION

O ₁	Teacher (a position that has primary responsibility of providing instruction and supervision of children in a classroom)
O ₂	Assistant teacher (assistant teacher, paraprofessional, or aide that works under the supervision of a teacher to give additional attention, support and instruction to children in a classroom)

$\mathbf{C}_{\mathbf{a}}$										
Other:										

C. Classroom Characteristics and Resources

Children in the Classroom

3. As of today, how many girls and boys are enrolled in your class?

CHOOSE ONE ON EACH ROW.

Number of Children

	3 or							16 or
	fewer	4-5	6-7	8-9	10-11	12-13	14-15	more
a) Girls	O ₁	O_2	O ₃	O_4	O ₅	O ₆	O ₇	O ₈
b) Boys	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈

4. As of today, how many children enrolled in your class belong to each of the following racialethnic groups?

CHOOSE ONE ON EACH ROW. COUNT EACH CHILD ONLY ONCE.

		Number of Children								
		3 or fewer	4-5	6-7	8-9	10-11	12-13	14-15	16 or more	
a)	American Indian or Alaska Native	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	
b)	Asian	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	
c)	Black or African American	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	
d)	Hispanic or Latino	O_1	O_2	O_3	O_4	O_5	O ₆	O ₇	O ₈	
e)	Native Hawaiian or Other Pacific Islander	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	
f)	White	O_1	O_2	O_3	O ₄	O ₅	O_6	O ₇	O ₈	

5. What languages were regularly spoken in your classroom during [year], and by whom?

CHOOSE ALL THAT APPLY.

		I spoke this language	Another teacher spoke this language	One or more children spoke this language
a)	English	\square_1		
b)	Spanish	\square_2	\square_2	\square_2
c)	Haitian Creole	\square_3	\square_3	□3
d)	Mandarin	\square_4	\square_4	\Box_4
e)	Portuguese		\square_5	\square_5
f)	[INSERT ADDITIONAL OPTIONS FOR MOST COMMON LANGUAGES IN LOCALITIES WHERE VIQI WILL BE CONDUCTED]	□6	\square_6	\square_6

6. How many children enrolled in your class are considered English Language Learners (ELL) or Dual Language Learners (DLL)? (This refers to children whose native language is not English and whose skills in listening, speaking, reading, or writing English are such that they have difficulty understanding instructions in English.)

Number of Children

CHOOS	E ONE.						
O_1	None						
O_2	1-2 children						
O_3	3-4 children						
O_4	5-6 children						
O_5	7-8 children						
O_6	9-10 children						
O ₇	11-12 children						
O_8	13-14 children						
Ο,	15 or more children						
7. How many children with special needs (with an active IEP or IFSP) are enrolled in your class?							
Choose	one on each row.						

0000	 	

		None	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15 or more
a) A	active IEP	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	0,
b) A	active IFSP	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	0,
	currently in referral process for EP or IFSP	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	O ₈	O ₉

Classroom Resources			
CHOOSE ONE ON EACH ROW.			
		At least	
How often do you currently use?	Never	once a week	Daily

Attachment C.2: VIQI Follow-up Teacher/Assistant Teacher Survey April 2018

a)	The Creative Curriculum (Teaching Strategies)		\square_2	\square_3		If you use Creative Curriculum, answer the
b)	High/Scope	\square_1	\square_2	\square_3		following 2 items:
c)	Building Blocks math curriculum (McGraw-Hill)		\square_2	\square_3		Which edition do you use?
d)	DLM Early Childhood Express (McGraw-Hill)	□₁	\square_2	\square_3		CHOOSE ONE.
e)	Everyday Mathematics (McGraw-Hill)		\square_2	\square_3		O ₁ 6 th Edition O ₂ 5 th Edition
f)	Frog Street	\square_1	\square_2	\square_3		O ₃ 1 st , 2 nd , 3 rd , or 4 th Edition
g)	Fundations (Wilson Language Training)		\square_2	Пз		O ₄ Don't know
h)	Handwriting without Tears	\square_{1}	\square_2	\square_3		
i)	Let's Begin with the Letter People (Abrams Learning Trends)	\square_1	\square_2	\square_3		Which Creative Curriculum
j)	Number Worlds (McGraw-Hill)		\square_2	\square_3		resources do you have <u>and</u> use?
k)	Open Circle		\square_2	\square_3		CHOOSE ALL THAT APPLY.
1)	Opening the World of Learning (OWL) (Pearson)		\square_2	\square_3		\square_1 Volumes \square_2 Daily Resources
m)	Preschool PATHS (Promoting Alternative Thinking Strategies) (Channing Bete Company)	\square_1	\square_2	\square_3		\square_3 None of the above \square_4 Don't know
n)	Pyramid Model for Supporting Social Emotional Competence		\square_2	Пз		
0)	Second Step		\square_2	\square_3		
p)	Tools of the Mind		\square_2	Пз		
q)	Teacher- or center-created curriculum	\square_1	\square_2	\square_3		
r)	Another published curriculum. Specify:	\square_1	\square_2	\square_3		
s)	If you don't know what curriculum you use or you don't know if you use a curriculum, select this box:	□₁				

- 8. Below is a list of different curricula that you may or may not be using with the children in your classroom this year. How often do you use each of the following curricula this year? By curriculum, we mean a guiding framework that provides learning activities and experiences teachers can do to help children learn and grow.
 - 9. Have you ever been trained on the following curricula, whether it was through workshops, coaching, or other professional development?

CHOOSE ONE ON EACH ROW.

		No training	Some training	A great deal of training
a)	The Creative Curriculum (6th edition)	O ₁	O_2	O ₃
b)	The Creative Curriculum (5 th edition)	O ₁	O_2	O ₃
c)	The Creative Curriculum (1 st , 2 nd , 3 rd , or 4 th editions)	O ₁	O ₂	O ₃
d)	Building Blocks	O ₁	O ₂	O ₃
e)	Connect4Learning	O ₁	O ₂	O ₃
f)	Preschool Pathways to Science (PrePS)	O ₁	O ₂	O ₃
g)	Pyramid Model for Supporting Social Emotional Competence	O ₁	O ₂	O ₃

10. Do you use any of the following to assess the children in your class?

CHOOSE	ALL	THAT	APPL'	Y.

Work Sampling System®
Teaching Strategies GOLD®
High/Scope Child Observation Record (COR)
Other published assessment tools (e.g., Ages and Stages Questionnaires, Brigance Preschool Screen, Galileo, Hawaii Early Learning Profile (HELP), Learning Accomplishment Profile Screening (E-LAP, LAP-R, LAP-D))
Child Portfolios and/or Work Samples (Electronic or Hardcopy)
Teacher observation of specific objectives
Locally-designed assessment, or teacher- or center-created assessment

11. How often do you use the results from <u>any of the above child assessments</u> to complete each of the following tasks?

l us	se results from child assessments to	Never	Three times a year (quarterly)	One or two times a month	Once a week	Multiple times a week
a)	Group children into different small groups based on ability	O ₁	O_2	O ₃	O ₄	O ₅
b)	Plan lessons based on how children did on the assessments	O ₁	O_2	O_3	O_4	O ₅
c)	Find activities that address the needs of specific children	O ₁	O ₂	O ₃	O ₄	O ₅
d)	Find particular content areas to work on building my knowledge or teaching practice	O ₁	O ₂	O ₃	O ₄	O ₅

12. In an average week, how often do you do activities with children in small groups (that is, 3 to 7 children in a group) for the following?

CHOOSE ONE ON EACH ROW.

		Never	Less 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)	Literacy/Reading	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
b)	Mathematics	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
c)	Science	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
d)	Social-emotional	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

	13. This past year (2018-2019) has your classroom been subject to Head Start standards and regulations?
O ₁	Yes
O_2	No
	14. This past year (2018-2019) about how many children in your classroom received some Head Start funding?
O ₁	Most children (75% or more)
O_2	About half of the children (~50%)
O_3	Some children (25% or less)
\bigcirc	No children (0%)

D. Professional Support and Training

15. The following questions ask you about the time you have received for the different professional support opportunities as part of your work day schedule this [year].

	ring your workday, how often have u received time to	Did not happen	Once or twice	Every other month	Once a month	Twice a month	Once a week	More than once a week
a)	Plan or prepare for teaching/your classroom on your own	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
b)	Plan or prepare for teaching/your classroom with your teacher, co- teacher and/or or assistant teacher	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇
c)	Meet with other teachers to collaborate and plan (e.g., as part of common planning time or a professional learning community)	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
d)	Observe other teachers in their classroom while your class is covered	O ₁	O_2	O ₃	O_4	O_5	O ₆	O ₇
e)	Participate in peer mentoring as part of a formal arrangement that is	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

	ring your workday, how often have u received time to	Did not happen	Once or twice	Every other month	Once a month	Twice a month	Once a week	More than once a week
	recognized or supported by your center							
f)	Receive mentorship from a master teacher in your center	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

16. Have you received any formal training (such as workshops, in-service training, or seminars, classes and coursework taken to fulfill continuing education and accrediting requirements) from the following providers this [year]?

CHOOSE YES OR NO ON EACH ROW. IF YES, CHOOSE HOW MANY DAYS.

IF 'YES'... How many <u>days</u> of training did you attend this year?

				uns year:			
Pro	ovider Type	Yes	No	Less than half a day	One full day	Two full days	More than two days
a)	Staff <u>at your center</u>	O ₁	O_2	O ₁	O_2	O_3	O_4
b)	Staff from the grantee agency, school district, or state or local resource and referral agency	O ₁	O ₂	O ₁	O ₂	О₃	O ₄
c)	A college or university supporting staff at your center	O ₁	O ₂	O ₁	O ₂	O ₃	O ₄
d)	External institution or other accrediting institution (e.g., professional association) supporting staff at your center	O ₁	O ₂	O ₁	O_2	O ₃	O ₄
e)	Curriculum author or publisher supporting staff at your center	O ₁	O ₂	O ₁	O ₂	O ₃	O ₄
f)	Other	O ₁	O ₂	O ₁	O ₂	O ₃	O ₄

17. Were the following topics covered in any of your formal training(s) that you reported attending above? Do not include any coaching you may have received.)

CHOOSE ALL THAT APPLY.

\square_1	Implementing a curriculum
\square_2	Understanding of or activities about children's language or literacy/reading development
\square_3	Understanding of or activities about children's mathematics development
\square_4	Understanding of or activities about children's scientific knowledge development
\square_5	Teaching practices and/or classroom quality
\square_6	Professional, state and national standards (e.g., Early Learning Guidelines; NAEYC; Curriculum Frameworks; Common Core; QRIS)
\square_7	Using quality observational tools to improve classroom quality (e.g. CLASS or ECERS)
\square_8	Conducting child assessments through observation, screening, and/or formal instruments
\Box 。	Supporting or fostering children's social/emotional development

\square_{10}	Behavior management
\square_{11}	Family engagement
\square_{12}	Supporting children with special needs in the classroom
\square_{13}	Supporting English Language Learners (ELLs) or Dual Language Learners (DLLs)
\square_{14}	Cultural competence for working with diverse populations
\square_{15}	Organization and management (e.g., classroom routines and schedules)
\square_{16}	Classroom set up and physical environment
\square_{17}	Health and safety
□ ₁₈	None of the above
	How many times have you and another teacher or assistant teacher in your classroom ended training together [this year]?
\square_1	Never
\square_2	Sometimes
\square_3	Often
[TEACH	Daching JERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23]
[TEACH IN CLAS The que to your	
[TEACH IN CLAS The que to your had with	TERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've
[TEACH IN CLAS The que to your had with	TERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've th a VIQI coach when responding to the following questions.
[TEACH IN CLAS The quanto your had with	SERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS STROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've tha VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]?
[TEACH IN CLASS The questo your had with 19.	IERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've tha VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]? Did not happen → SKIP TO 24
[TEACH IN CLASS The quanto your had with 19.	IERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've th a VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]? Did not happen → SKIP TO 24 Once or twice
[TEACH IN CLASS The quanto your had with 19. O1 O2 O3	IERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS IS IN CLASSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've tha VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]? Did not happen → SKIP TO 24 Once or twice Three to five times
[TEACH IN CLASS The questo your had with 19. O1 O2 O3 O4	IERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS SSROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've the a VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]? Did not happen → SKIP TO 24 Once or twice Three to five times Once a month
The que to your had with 19.	IERS IN CLASSROOMS ASSIGNED TO AN INTERVENTION GROUP START WITH ITEM 18; TEACHERS STROOMS ASSIGNED TO THE CONTROL GROUP, START WITH ITEM 23] estions that follow ask about your experiences working with a VIQI coach: the coach assigned classroom for [year] as part of the VIQI project. Please only report on the experiences you've tha VIQI coach when responding to the following questions. How often has a VIQI coach visited your classroom so far this [year]? Did not happen → SKIP TO 24 Once or twice Three to five times Once a month Twice a month

Understanding of or activities about children's language or literacy/reading development
Understanding of or activities about children's mathematics development
Understanding of or activities about children's scientific knowledge development
Teaching practices and/or classroom quality
Professional, state and national standards (e.g., Early Learning Guidelines; NAEYC; Curriculum Frameworks; Common Core; QRIS)
Using quality observational tools to improve classroom quality (e.g., CLASS or ECERS)
Conducting child assessments through observation, screening, and/or formal instruments
Supporting or fostering children's social/emotional development
Behavior management
Family engagement
Supporting children with special needs in the classroom
Supporting English Language Learners (ELLs) or Dual Language Learners (DLLs)
Cultural competence for working with diverse populations
Organization and management (e.g. classroom routines and schedules)
Classroom set up and physical environment
Health and safety
None of the above

21. How often have you participated in the following activities with a VIQI coach during this [year]?

		Did not happen	Once or twice	Three to five times	Once a month	Twice a month	Three or more times a month
a)	I watched while a coach modeled or demonstrated a teaching strategy	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
b)	I worked with a coach to interpret data about child learning in my classroom	O_1	O_2	O_3	O_4	O_5	O_6
c)	I received feedback from a coach in- person after he/she observed my classroom	Oı	O ₂	O ₃	O ₄	O ₅	O ₆
d)	I received feedback from a coach via email or phone after he/she observed my classroom	O ₁	O_2	O ₃	O ₄	O ₅	O ₆
e)	I worked with a coach to improve classroom quality based on a classroom quality assessment tool (e.g., CLASS or ECERS)	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
f)	I had an in-person meeting with a coach	O ₁ SKIP TO 24	O ₂	O ₃	O ₄	O ₅	O ₆

2	22. What do your in-person meetings with the VIQI coach typically look like?
O ₁	I meet with a coach one-on-one
O_2	My teacher, co-teacher, and/or assistant teacher and I meet with a coach together
O_3	I meet with a coach in a group setting with other teachers/staff (e.g., during Common Planning Time)
	23. For how long do you typically meet with your VIQI coach in-person? Oo NOT include time when the coach is observing in your classroom.
СНО	OSE ONE.
O_1	Less than 15 minutes
O_2	16-30 minutes
O_3	31-45 minutes
O ₅	An hour
O ₆	Two hours
O ₇	More than two hours
	24. How often has a coach visited your classroom so far this [year]? ach is a professional who provides you with feedback and support to help improve what you do in
your	classroom. Do NOT include observations completed by your center director or other center inistrator or supervisor, or master teacher.
O ₁	Did not happen → SKIP TO 31
O_2	Once or twice
O_3	Three to five times
O_4	Once a month
O ₅	Twice a month
O ₆	Three or more times a month
You [year	ERNATIVE WORDING FOR ITEM 23 FOR TEACHERS IN INTERVENTION CLASSROOMS] may have received coaching from other professionals not associated with the VIQI project during r]. Please provide information about any additional coaching you received, not including the hing provided by VIQI during [year].
23. F O ₁	low often has a coach <u>outside of VIQI</u> visited your classroom so far this [year]? Did not happen → SKIP TO 31
O_2	Once or twice
O_3	Three to five times
O_4	Once a month
O ₅	Twice a month

 O_6

Three or more times a month

25. What is the focus of the coaching you received?

CHOOS	E ALL THAT APPLY.
\square_1	Implementing lessons or activities from a curriculum
\square_2	Understanding of or activities about children's language or literacy/reading development
\square_3	Understanding of or activities about children's mathematics development
\square_4	Understanding of or activities about children's scientific knowledge development
\square_5	Teaching practices and/or classroom quality
\square_6	Professional, state and national standards (e.g., Early Learning Guidelines; NAEYC; Curriculum Frameworks; Common Core; QRIS)
\square_7	Using quality observational tools to improve classroom quality (e.g. CLASS or ECERS)
\square_8	Conducting child assessments through observation, screening, and/or formal instruments
\square_9	Supporting or fostering children's social/emotional development
\square_{10}	Behavior management
\square_{11}	Family engagement
\square_{12}	Supporting children with special needs in the classroom
\square_{13}	Supporting English Language Learners (ELLs) or Dual Language Learners (DLLs)
\square_{14}	Cultural competence for working with diverse populations
\square_{15}	Organization and management (e.g. classroom routines and schedules)
\square_{16}	Classroom set up and physical environment
\square_{17}	Health and safety

26. How often have you participated in the following activities with a coach during this [year]?

		Did not happen	Once or twice	Three to five times	Once a month	Twice a month	Three or more times a month
a)	I watched while a coach modeled or demonstrated a teaching strategy	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
b)	I worked with a coach to interpret data about child learning in my classroom	O ₁	O_2	O ₃	O_4	O ₅	O ₆
c)	I received feedback from a coach in- person after he/she observed my classroom	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
d)	I received feedback from a coach via email or phone after he/she observed my classroom	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
e)	I worked with a coach to improve classroom quality based on a classroom quality assessment tool (e.g. CLASS or ECERS)	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
f)	I had an in-person meeting with a coach	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆

Three to

	Did not Once or five Once a Twice a
	happen twice times month month
	SKIP TO 28
2	7. What do your in-person meetings with a coach typically look like?
\circ	I meet with a coach one-on-one
O ₁	My teacher, co-teacher, and/or assistant teacher and I meet with a coach together
O ₂	
O ₃	I meet with a coach in a group setting with other teachers/staff (e.g., during Common Planning Time)
	28. For how long do you typically meet with a coach in-person? (Do NOT include time when the oach is observing in your classroom.)
CHO	OSE ONE ONLY.
O ₁	Less than 15 minutes
O_2	16-30 minutes
O_3	31-45 minutes
O ₅	An hour
O_6	Two hours
O ₇	More than two hours
2	29. Which organizations provided the coach(es) to work with you this [year]?
CHEC	CK ALL THAT APPLY.
\square_1	My center
\square_2	Head Start Grantee agency or
\square_3	School district
\square_4	Child care umbrella organization
\square_5	State or local resource and referral agency
\square_6	State or local QRIS agency
\square_7	A college or university
\square_8	External institution (e.g., professional association; non-profit education organization)
\square_9	Curriculum author or publisher
\square_{10}	
	Other:
\square_{11}	Don't know

30. If you had multiple coaches during [year], to what degree did you receive conflicting guidance

from your VIQI coach and another coach?

15

Three or more times a month

O_1	N/A; I did not	have multiple coaches in	my classroom				
O_2	Not at all conf	licting					
O ₃	Slightly conflic	ting					
O_4	Somewhat cor	nflicting					
O ₅	Completely co	nflicting					
F. C	urriculum	Implementatio	n [For teac	hers in iı	ntervention c	enters O	NLY1
			ii įi oi todo		1.011011011011	<u> </u>	
_		section are about you	-			- meaning	the
curric	ulum, training,	and coaching you rec	eived <u>from th</u>	e VIQI proj	<u>ect</u> .		
30. To	o what extent d	o you agree or disagr	ee with the fo	llowing sta	tements?		
			Strongly		Neither agree		Strongly
			disagree	Disagree	or disagree	Agree	agree
a) H	ike working with	my coach.	O ₁	O_2	O ₃	O ₄	O ₅
	y coach challenge erform better at r	es or pushes me to	O ₁	O_2	O ₃	O ₄	O ₅
c) Th	ne VIQI interventi	on matches the prioritie	s O ₁	O ₂	O ₃	O ₄	O ₅
of	my center.		O ₁			— 4	
For th	e following thr	ee items, please selec	t the response	e that best	fills in the blank	based on	vour
	_	VIQI intervention. The	-				-
04 -	rl \/101		.1.2		£	.1.4	
31.	_	llum, training and coa	_		_ for my skills an		_
	O ₁		O ₃		O ₄		O ₅
	not at all beneficial	slightly beneficial	somewha beneficia		very beneficial		remely neficial
Why		Seriericiai	Sorionolo	••	- Serienciai		Torrora
32 7	The VIOI curricu	ılum is	for me to im	ınlement ir	my classroom		
JZ.	O ₁	O ₂	_ 101 IIIE 10 IIII O ₃	ipiciliciti ii			O ₅
V	ery difficult	difficult	neither ea	ısv	easy		ry easy
	<u> </u>		or hard		<i>.</i>		· •
Why	?						

33. The VIQI curriculum is for the children in my classroom.										
O ₂ slightly	O_3 somewhat	O ₄ verv	O_5 extremely							
beneficial	beneficial	beneficial	beneficial							
	O_2 slightly	${\sf O}_2$ ${\sf O}_3$ slightly somewhat	$egin{array}{cccc} oldsymbol{O}_2 & oldsymbol{O}_3 & oldsymbol{O}_4 \ & & & & & & & & & & & & & & & & & & $							

G. Teaching and Learning

34. We want to know which sets of skills you think are most important for children ages 3 to 4 to be learning. Please RANK the following 7 sets of skills (a through g) according to which you think are most important (7) to the least important (1) skills for children ages 3 to 4 to be learning.

Choose ONE answer for each row, and make sure to <u>USE EACH NUMBER ONLY 1 TIME</u> (no ties!).

For example, choose the number "7" for the skill that you believe is the "Most important," the number "6" for the skill you believe has the second highest importance, and so forth until you choose the number "1" for the skill you believe is the "Least important."

	Least Important					Most Imp	ortant
	1	2	3	4	5	6	7
a) Approaches to Learning	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

b)	Motor and Physical Development	O ₁	O_2	O ₃	O_4	O_5	O ₆	O ₇
c)	Scientific Reasoning	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇
d)	Language and Communication	O ₁	O_2	O ₃	O_4	O ₅	O ₆	O ₇
e)	Literacy	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇
f)	Math	O ₁	O_2	O ₃	O_4	O ₅	O ₆	O ₇
					•			

35. Thinking about language and literacy skills only, please rank the following 6 sets of skills (a through f) according to which you think are the <u>most important</u> (6) to prioritize in the language and literacy activities you do to the <u>least important</u> (1) to prioritize for children ages 3 and 4.

Choose ONE answer for each row, and make sure to <u>USE EACH NUMBER ONLY 1 TIME</u> (no ties!).

		Most Important					
		1	2	4	5	6	
a)	Vocabulary and oral language	O ₁	O_2	O_3	O ₄	O_5	O ₆
b)	Letter knowledge	O_1	O_2	O_3	O_4	O_5	O ₆
c)	Print and text concepts	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
d)	Phonological awareness (individual speech sounds)	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
e)	Drawing or writing	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
f)	Listening or reading comprehension	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆

36. Thinking about mathematics skills only, please rank the following 7 sets of skills (a through g) according to which you think are the <u>most important</u> (7) to prioritize in the math activities you do to the <u>least important</u> (1) to prioritize for children ages 3 and 4.

Choose ONE answer for each row, and make sure to <u>USE EACH NUMBER ONLY 1 TIME</u> (no ties!).

Least Important							Most Important		
		1	5	6	7				
a)	Number sense & concepts	O ₁	O_2	O ₃	O_4	O ₅	Ο ₆	O ₇	
b)	Number writing and recognition	O_1	O_2	O ₃	O_4	O_5	O_6	O ₇	
c)	Addition and subtraction	O ₁	O ₂	O ₃	O ₄	O ₅	Ο ₆	O ₇	
d)	Making, copying or extending patterns	O ₁	O_2	O ₃	O_4	O ₅	Ο ₆	O ₇	
e)	Measuring	O ₁	O ₂	O ₃	O ₄	O ₅	Ο ₆	O ₇	
f)	Identifying, drawing, or constructing shapes	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇	

g)	Comparing, contrasting or sorting objects	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
	by attributes or a rule							

37. Thinking about social-emotional skills only, please rank the following 6 sets of skills (a through f) according to which you think are the <u>most important</u> (6) to prioritize in the social-emotional activities you do to the <u>least important</u> (1) to prioritize for children ages 3 and 4.

Choose ONE answer for each row, and make sure to <u>USE EACH NUMBER ONLY 1 TIME</u> (no ties!).

		Least Im	Most Important				
		1	2	3	4	5	6
a)	Self-concept and Self-efficacy	O ₁	O_2	O ₃	O_4	O ₅	O ₆
b)	Self-regulation	O_1	O_2	O_3	O_4	O_5	O_6
c)	Social and emotional understanding	O ₁	O_2	O ₃	O_4	O ₅	O ₆
d)	Empathy and caring	O ₁	O_2	O ₃	O_4	O_5	O ₆
e)	Relationships with others	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆
f)	Cooperation and responsibility	O ₁	O_2	O ₃	O_4	O_5	O ₆

38. Thinking about science skills and topics only, please rank the following 4 sets of skills and topics (a through d) according to which you think are the <u>most important</u> (4) to prioritize in the science activities you do to the <u>least important</u> (1) to prioritize for children ages 3 and 4.

Choose ONE answer for each row, and make sure to <u>USE EACH NUMBER ONLY 1 TIME</u> (no ties!).

		Least	Important	Most	Important
		1	2	3	4
a) Scientific thinking/s	cientific method	O ₁	O_2	O ₃	O ₄
b) Earth and space		O ₁	O_2	O ₃	O_4
c) Living things		O ₁	O ₂	O ₃	O ₄
d) Physical properties		O ₁	O_2	O ₃	O ₄

39. Recognizing that some things in early care and education (ECE) centers are required by external sources, what are YOUR OWN PERSONAL BELIEFS about ECE centers?

Please select the number that most nearly represents YOUR BELIEFS about each item's importance for ECE centers for children ages 3 to 4. (1 = Strongly disagree; 5 = Strongly agree)

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
a)	ECE classroom activities should be responsive to individual differences in children's development.	O ₁	O_2	O ₃	O_4	O ₅
b)	Each curriculum area should be taught as a separate subject at separate times.	O ₁	O ₂	O ₃	O ₄	O ₅
c)	Children should be allowed to select many of their own activities from a variety of learning areas that the teacher has prepared (writing, science center, etc.).	O ₁	O ₂	O ₃	O ₄	O ₅
d)	Children should be allowed to cut their own shapes, perform their own steps in an experiment, and plan their own creative drama, art, and writing activities.	O ₁	O ₂	O ₃	O ₄	O ₅
e)	Children should work silently and alone on seatwork.	O ₁	O_2	O ₃	O_4	O ₅
f)	Children in ECE classrooms should learn through active explorations.	O ₁	O ₂	O ₃	O ₄	O ₅
g)	ECE teachers should use treats, stickers, or stars to encourage appropriate behavior.	O ₁	O ₂	O ₃	O ₄	O ₅
h)	ECE teachers should use punishments or reprimands to encourage appropriate behavior.	O ₁	O_2	O ₃	O_4	O ₅
i)	Children should be involved in establishing rules for the classroom.	O ₁	O ₂	O ₃	O ₄	O ₅
j)	Children should be instructed in recognizing the single letters of the alphabet, isolated from words.	O ₁	O ₂	O ₃	O ₄	O ₅
k)	Children should learn to color within predefined lines.	O ₁	O_2	O ₃	O_4	O ₅
l)	Children in ECE classrooms should learn to form letters correctly on a printed page.	O ₁	O ₂	O ₃	O ₄	O ₅
m)	Children should dictate stories to the teacher.	O ₁	O ₂	O ₃	O ₄	O ₅
n)	Children should know their letter sounds before they learn to read.	O ₁	O ₂	O ₃	O ₄	O ₅
0)	Children should form letters correctly before they are allowed to create a story.	O ₁	O ₂	O ₃	O ₄	O ₅

Source: Burts, Buchanan, Benedict, Broussard, Dunaway, Richardson & Sciaraffa, 2000; Charlesworth et al., 1993; FACES, 2006.

40. Are you confident in your ability to...

						Aprii 20
		Definitely Not	Not Really	Neutral	Somewhat	Definitely
a)	Promote the <u>social-emotional</u> development of the three- and four-year olds in your classroom?	O ₁	O ₂	O ₃	O ₄	O ₅
b)	Promote the <u>language and literacy</u> learning of the three- and four-year- olds in your classroom?	O ₁	O ₂	O ₃	O ₄	O ₅
c)	Promote the <u>math</u> learning of the three- and four-year-olds in your classroom?	Oı	O ₂	O ₃	O ₄	O ₅
d)	Promote the development of <u>scientific</u> <u>knowledge</u> of the three- and four- year-olds in your classroom?	Oı	O ₂	O ₃	O ₄	O ₅
Sou	ırce: Internal					
Н.	Work Environment					
TL			V	·	ا براهم الثير مما	d f

The next set of questions asks about your work environment. Your responses will only be used for research and program improvement purposes.

[THE FOLLOWING ITEM IS FOR CONTROL TEACHERS ONLY]

	Has your center or classroom adopted a new curriculum in the past year? By curriculum, we mean an organized framework that lists goals for children's learning and growth, learning activities and experiences to achieve those goals, what teachers can do to help children achieve those goals, and materials needed.
O ₁	Yes → GO TO ITEM 42
O ₂	No → GO TO ITEM 43
42.	To what extent do you agree or disagree with the following statements?
[AL	TERNATIVE WORDING FOR INTERVENTION TEACHERS:

Thinking about the VIQI curriculum, to what extent do you agree or disagree with the following statements?

		Strongly						Strongly
		disagree						agree
a)	Our leadership is committed to the new curriculum.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

b)	Leaders ensure teachers have the materials they need to successfully implement the new curriculum.	O ₁	O ₂	O ₃	O ₄	O ₅	Ο ₆	O ₇
c)	Leaders ensure teachers receive the professional development needed to successfully implement the new curriculum.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
d)	Our leadership encouraged all teaching staff to embrace the new curriculum.	O_1	O_2	O_3	O_4	O_5	O_6	O ₇
e)	Leaders at this center have not been personally involved with the implementation of the new curriculum.	O ₁	O ₂	O ₃	O ₄	O ₅	Ο ₆	O ₇
f)	Leaders at this center believe this new curriculum is important.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
g)	Leaders at this center are open to feedback and concerns about the new curriculum.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
h)	I don't think the leaders at this center really even want the new curriculum implemented.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
i)	Our leadership has put all their support behind this change in curriculum.	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇

JOB EXPERIENCES

43. This next set of questions is used to assess how staff members feel about their job and their reactions to work. Please read each statement carefully and decide if you ever feel this way about your job.

		Never	A few times a year or less	Once a month or less	A few times a month	Once a week	A few times a week	Every day
a)	I feel emotionally drained from my work.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
b)	I feel used up at the end of the workday.	O_1	O_2	O_3	O_4	O_5	O ₆	O ₇
c)	I feel fatigued when I get up in the morning and have to face another day on the job.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
d) 	Working with people all day is really a strain for me.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇
e)	I feel burned out from my work.	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇
f)	I feel frustrated by my job.	O ₁	O_2	O_3	O_4	O ₅	O ₆	O ₇
g)	I feel I'm working too hard on my job.	O ₁	O_2	O ₃	O ₄	O ₅	O ₆	O ₇
h)	Working with people directly puts too much stress on me.	O ₁	O ₂	O ₃	O ₄	O ₅	O ₆	O ₇

i)	I feel like I'm at the end of my rope.	\sim	\sim	\sim	\sim	\sim	\sim	$\overline{}$
1)	Treer like I III at the end of my rope.	O ₁	O_2	O ₃	O ₄	O_5	O ₆	O_7
Sou	ırce: Maslach, 1997							
44	. How long do you plan to remain in te	aching?						
0	As long as I'm able							
_		nefits from	n this ich					
0	2	ilents iroi	וו נוווג ווטט					
0	Until I am eligible for retirement be	nefits froi	n another	job				
0	Until I am eligible for Social Security	benefits						
_	4							
O	Until a specific life event occurs (e.g	,, parentr	nood, marr	iage)				
0	Until a more desirable job opportun	ity comes	along					
_	Definitely along to leave an array	can						
O	/	carr						
\circ	。 Undecided at this time							

Source: National Center for Education Statistics, 2011-2012

I. Teaching Domain-Specific Content

The items included in this section ask about your knowledge of teaching practices within the domains of: language and literacy, math, social-emotional, and science. You may not be familiar with all of the content in these sections. Answer the questions as best you can based on your knowledge and beliefs.

TEACHING LANGUAGE AND LITERACY

The next set of questions focus on knowledge and teacher practices in the area of language and literacy. You may not be familiar with all of the content in this section. We expect people will have different levels of familiarity with the questions being asked. We would like for you to answer the questions as best you can based on your knowledge and beliefs.

		best you can based on your knowledge and beliefs.
45.		y read each of the following multiple-choice questions. Choose only one answer from the provided to you for each question. If you are unsure of the right answer, please make st guess.
a)		group time, Ms. Betty is about to read a book to her 5-year-olds. As she reads, she runs er along underneath the text. Why does she do this? To help children connect sounds and letters.
	O_2	To keep children's attention.
	O_3	To help children understand how print works.
	O_4	To improve children's letter knowledge.
b)	Which o	f the following practices might <u>best</u> help children learn how letters are related to their mes?
	O_1	Matching pictures and beginning sounds.
	O_2	Singing the alphabet song slowly and pointing to each letter.
	O_3	Asking children to spell the letters of their name.
	O_4	Saying the letters of the alphabet out of order.
c)	in daily	e following instructional activities improve children's understanding of how we use print activity EXCEPT:
	O ₁	Creating a print-rich environment.
	O_2	Copying simple words.
	O ₃	Writing a menu.
	O_4	Reading a recipe.
d)	Each of	the following is an effective way to foster language development EXCEPT:
	O ₁	
	O ₂	Expanding children's responses, such as "You'd like to play in the kitchen and make pizza? And what kind of pizza would you like to make today?"
	O ₃	Re-reading a favorite book.

O₄ Encouraging children to respond to questions in complete sentences.

TEACHING LANGUAGE AND LITERACY CONTINUED

Carefully read each of the following multiple-choice questions. Choose only one answer from the choices provided to you for each question. If you are unsure of the right answer, please make your best guess.

e)		ne who engages children every day in play, discussions, conversations, and singing songs is be providing which of the following?
	O_1	Opportunities for recognizing the relationship between sounds and letters.
	O_2	Experiences for children to learn and use new language rules.
	O ₃	Opportunities for oral language development.
	O ₄	Kinesthetic tactile experiences, such as physical activities.
f)	Each of O ₁	the following activities is helpful for promoting oral language development EXCEPT: Naming letters.
	O_2	Outdoor play.
	O_3	Singing.
	O ₄	Free-choice time.
g)	Which o	of the following activities <u>best</u> promotes vocabulary development? Reading a story.
	O_2	Writing.
	O_3	Talking.
	O_4	Watching television.
h)		of the following <u>best</u> explains why developing phonemic awareness in English may be lly challenging for a child for whom English is a second language? The sound system of the child's first language may not use an alphabet.
	O ₂	Some languages may require attention only to whole words, not sounds in words.
	O_3	Sometimes teachers may not articulate sounds clearly.
	O ₄	The sound structure of the child's first language may be different from English.
i)	Which o	of the following practices <u>best</u> help preschoolers blend sounds in words? Identifying words that begin with the same sound.
	O ₂	Distinguishing sounds in words.
	O_3	Stretching the sounds out in a word and putting them together.
	O ₄	Hearing different sounds, and identifying the letters that correspond to those sounds.
j)	All of th	e following are important ways to encourage preschooler's early writing EXCEPT: Encouraging correct spelling.
	O_2	Taking dictation for children unwilling to write.
	O_3	Displaying children's writing around the room.
	O ₄	Having a designated writing area equipped with crayons, pencils, stencils, and several types of paper.

K)	Kyesha i	is a 4-year old preschooler with reading skills at the kindergarten level. What is the <u>best</u>
	approac	h to take with Kyesha to create a supportive learning environment for her?
	O_1	Keep her involved in all group activities so her peers do not notice the difference in her ability.
	O_2	Encourage her parents to enroll her in kindergarten immediately.
	O_3	Make sure she has plenty of opportunities to interact with books on her own.
	O_4	Have her act as a tutor to other children who may show little interest in reading.

Source: Neumann, 2007

SOCIAL EMOTIONAL AND BEHAVIORAL SKILLS

The next set of questions focus on the area of young children's social, emotional and behavioral development. We would like for you to answer the questions as best you can based on your knowledge and beliefs.

46. Below are some strategies that you might use with children in your classroom. In each row, select the choice that shows how <u>useful</u> you think each strategy would be in reducing problem behaviors and supporting your children's social and emotional development.

		Not at all Useful	Slightly Useful	Somewhat Useful	Moderately Useful	Extremely Useful
a)	Setting up routines, expectations, and rules	O ₁	O_2	O ₃	O ₄	O ₅
b)	Using different gestures, cues, and signals to keep the attention of children	O ₁	O ₂	O ₃	O ₄	O ₅
c)	Reminding children of rules and expectations	O ₁	O_2	O ₃	O ₄	O ₅
d)	Rewarding good behavior with praise	O_1	O_2	O_3	O_4	O_5
e)	Scolding children for disruptive behaviors	O ₁	O_2	O ₃	O_4	O ₅
f)	Talking about my own emotional experiences	O ₁	O_2	O ₃	O ₄	O ₅
g)	Trying to help a child explore what is making him/her sad	O ₁	O ₂	O ₃	O ₄	O ₅
h)	Trying to solve the problem when a child is angry	O_1	O_2	O_3	O_4	O ₅
i)	Helping a child find out what caused his/her anger	O ₁	O_2	O ₃	O ₄	O ₅
j) 	Encouraging children to talk about their emotions	O ₁	O_2	O_3	O ₄	O ₅
k)	Recognizing early cues of child's rising emotions and prompting use of calm down strategies	O ₁	O ₂	O ₃	O ₄	O ₅
l)	Teaching, coaching and prompting problem solving such as identifying the problem, finding a solution, and assessing whether the solution worked	O ₁	O ₂	O ₃	O ₄	O ₅

TEACHING SCIENCE

CHOOSE ALL THAT APPLY

Using math

 \square_{ϵ}

The next set of questions focus on the area of young children's science education. We would like for you to answer the questions as best you can based on your knowledge and beliefs.

47. Read the scenario below. As you read, think about the science you "see" happening in the scenario.

The class is outside on the playground. Sasha is still finishing her popsicle. "It's so sticky!" says Sasha as her popsicle melts down her hand. "It's too hot out here! The sun's making my popsicle melt!" she says. Before Sasha can eat it, the final piece of popsicle falls to the floor. She squats down to look at it and watch it melt. "It's makin' a lake," she says. Ben comes to see what's going on.

"No, it's making a river, see" he points to a line of red syrup that's running down the sidewalk.

"Rivers are big. That's too small" says Sasha, pointing at the melted popsicle.

A line of ants crawls towards the melting popsicle.

"Look! The ants want to eat my popsicle!" Sasha says. "You can't eat popsicles. That's people food. You eat leaves," she says to the ants.

"Maybe they like popsicles better" says Ben. "Let's find out." Ben pulls a leaf off of a nearby bush and places it next to the puddle of melted popsicle. "I think they are going to like the popsicle better," he says. The children watch the ants. Some of them move toward the melted popsicle.

"Look!" Says Sasha, "one, two, three. Three ants are eating my popsicle. Nobody is eating the leaf!"

"I guess they like popsicles better," says Ben.

Thunder rumbles in the distance. "Oh no! It's going to rain!" says Ben, "maybe the ants can hide under the leaf to stay dry" he says as their teacher calls them to go inside.

Here is a list of science concepts. Choose all of the science concepts that you can "see" in the scenario.

States of matter \square_7 Making observations \square_{13} Cause and effect \square_1 \square_2 Asking questions \square_8 **Patterns** \square_{14} Earth's features \square_3 **Constructing explanations** Life science \square_{15} Stability and change \square_4 Predicting \square_{10} Experimenting \square_{16} **Ecosystems** \square_5 Interpreting data \square_{11} Scale, proportion, and quantity \square_{17} Structure and function

48. Read the following scenario. Refer to it to help you answer this group of questions. Choose the one option that best applies.

 \square_{18}

Engineering

Physical characteristics

 \square_{12} Systems

Mark uses a paper towel to clean up some water that spilled. "Look!" he says, "the paper is changing colors! It's drinking the water!"

a) Which science practice can you identify in the scenario?

think this car will knock the block down too!" she says.

O₁ Asking questions

a) which science practice can you identify in the scenario?

	O_1	Making observations
	O_2	Making predictions
	O_3	Experimenting
	O_4	Asking questions
b)	Which	n science discipline can you identify in the scenario?
D,		Life science
	O_1	Physical science
	O_2	Earth and Space science
	O ₄	Engineering Engineering
	O_4	Engineering
49. Read th	ne follo	owing scenario. Refer to it to answer this group of questions. Choose the one option
that be		
	,	
		ants to provoke him to engage in a scientific practice so that he can understand a
-		ng concept. Mark's teacher says, "I wonder if the plastic bag will change color too.
What can y	ou do t	to find out?"
a)	_	science practice is she trying to provoke Mark to engage in?
	O ₁	Making observations
	O ₂	Making predictions
	O ₃	Experimenting
	O_4	Interpreting data
b)	What	crosscutting concept is she trying to get Mark to think about?
	O ₁	Patterns
	O ₂	Structure and function
	O_3	Systems
	_	Cause and effect
	-	
50. Read th	ne follo	owing scenario. Refer to it to answer this group of questions. Choose the one option
		owing scenario. Refer to it to answer this group of questions. Choose the one option lies.
50. Read th that be		

	O_2	Making predictions
	O ₃	Experimenting
	O_4	Interpreting data
b)	Which cro	sscutting concept can you identify in the scenario?
	O ₁	Patterns
	0,	Structure and function
	O_3	Systems
	O_4	Cause and effect
	- 4	
	ad each sce plies.	nario and answer the questions that follow. Choose the one option that best
Santan	a drops two	rocks down the slide. One is big and white, the other is smaller and dark grey. He
	-	mes. The large white rock always flies off the end of the slide and tumbles all the way
		gate. The smaller grey rock drops off the end of the slide and doesn't go any further.
		ways wins!" he says.
THE W	THIC FOCK ON	vays wills. He says.
a)		he following could the teacher say to best help Santana understand the cause and tionship between the weight of the rock and the distance it travels?
	O ₁	What do you notice about the weight of the rocks?
	O_2	Can we measure how far the rock went?
	O_3	Why do you think the big rock is heavier than the little one?
	O_4	I see you experimenting with the rocks. What happens when you go down the slide?
b)	What can	the teacher add to the classroom to provoke children to think about the structure
	and functi	on of different materials?
	O ₁	Adding an umbrella to dramatic play
	O_2	Adding rubber gloves and mittens to the water table
	O ₃	Adding sponges to the science center
	O ₄	Adding seeds and a magnifying glass to the science center
Camille	e notices a s	eed in her watermelon during snack time.
c)	What is th	e best way for the teacher to help her understand that seeds are part of a system?
٠,	O ₁	Cut open different kinds of fruits to find seeds
	O ₂	Read an informational book about plants
	O_2 O_3	Cut open different seeds and observe what is inside
	O_3	·
	O_4	Compare and sort different seeds

A teacher is guiding a small group of children in making dough by mixing flour and water. Charlie's dough is sticky and won't hold a shape. He looks at Maria's dough that she has rolled into a tight ball. Then he looks at his teacher and shows her his sticky fingers.

d) What can the teacher do to help Charlie experiment with the materials at the table and "fix" his dough?

- O₁ The teacher can add more flour to Charlie's dough and help him mix it.
- O₂ The teacher can give Charlie a cup of water and a cup of flour and say, " Do you think we should add more water or flour? Let's choose one and see what happens."
- O₃ The teacher can say, "Uh-oh, Charlie! Your dough is too wet. Let's add more flour. What do you predict will happen if we put more flour in the dough?"
- O₄ The teacher can ask Maria to help Charlie "fix" his dough.

The children are interested in elephants. The teacher wants to help the children understand that elephants move their big ears to help them stay cool.

e) Which of the following would be the best way for children to explore the structure and function of the elephants' ears?

- O₁ Taking a field trip to the zoo to observe elephants flapping their ears
- O₂ Watching videos of elephants in the wild flapping their ears and pausing the video to ask children questions like, "Why is the elephant flapping his ears? How do you think he feels?"
- O₃ Using different sized paper plates as fans
- O₄ Building elephant ears out of paper plates and a headband to allow the children to pretend to be elephants

The children are cleaning up the playground. They have a pile of rocks, sticks, and leaves, and a pile of plastic bottle caps and juice box straws. These two piles can serve as data.

f) Which of the following is the best way to get the children to interpret their "data"?

- O₁ I notice you have two piles. Should we put the natural things back on the playground and the plastic things in the garbage?
- O₂ You have collected a lot of garbage. What do you think will happen to the garbage?
- O₃ I notice you have two piles. Can we make a third pile using playground toys?
- O₄ I notice you have a pile of plastic things and a pile of natural things. On the playground, which is there more of...plastic things or natural things?

Source: Alexander, 2017

TEACHING MATHEMATICS

The next set of questions focus on knowledge and teacher practices in the area of mathematics. You may not be familiar with all of the content in this section. We expect people will have different levels of familiarity with the questions being asked. We would like for you to answer the questions as best you can based on your knowledge and beliefs.

52. Each item below has two different statements about a child showing a skill in the area of mathematics. For each item, choose the one statement that describes the math skill that a child is likely to learn first. If both skills are equally easy for a young child, choose the circle next to "Same." If you do not know the answer, choose "Do not know."

a)		
	O_1	Jamie says the counting words in order from 1 to 10 (i.e., "1, 2, 3, 4, 5, 6, 7, 8, 9, 10").
	O_2	Jamie says the counting words in order from 6 to 10 (i.e., responds to teacher request, "Can you count starting with the number 6? Six" by saying: "7, 8, 9, 10").
	O_3	Same.
	O ₄	Do not know.
b)		
	O_1	Pauli counts a group of seven buttons without touching them.
	O_2	Pauli counts a touchable group of seven buttons.
	O_3	Same.
	O_4	Do not know.
c)		
	O ₁	Ali correctly answers the question, "Are there more teddy bears or more turtles?"
	O ₂	Ali correctly counts a row of eight teddy bears.
	O_3	Same.
	O ₄	Do not know.
	<u> </u>	

TEACHING MATHEMATICS CONTINUED

Each item below has two different statements about a child showing a skill in the area of mathematics. For each item, choose the one statement that describes the math skill that a child is likely to learn first. If both skills are equally easy for a young child, choose the circle next to "Same." If you do not know the answer, choose "Do not know."

d)		
	O ₁	Shea correctly answers the question "Here are two groups of teddy bears. How many altogether?" when presented with two groups of two teddy bears.
	O_2	Shea correctly answers the question, "What is two plus two?"
	O_3	Same.
	O_4	Do not know.
,		
e)	O ₁	Jaiden answers, "How many buttons" after counting a set of six buttons.
	O ₂	Jaiden counts a row of six buttons (i.e., "1, 2, 3, 4, 5, 6").
	O_3	Same.
	O_4	Do not know.
	O 4	
f)		
	O_1	Cimarron says the counting words in order from 1 to 10 (i.e., "1, 2, 3, 4,).
	O_2	Cimarron counts a row of ten buttons.
	O_3	Same.
	O_4	Do not know.
g)	\circ	Pilar counts a circle of seven buttons.
	O ₁	Pilar counts a row of seven buttons.
	O_2 O_3	Same.
	O_3	Do not know.
	O_4	
h)		
•	O_1	Amari is presented with two groups of buttons, one with five buttons and one with two
	-	buttons. When asked "How many altogether?" in the two groups, Amari counts all of the buttons beginning with the group of five buttons ("1, 2, 3, 4, 5, 6, 7") to get to the answer.
	O_2	Amari is presented with two groups of buttons, one with five buttons and one with two
	- 2	buttons. "How many altogether?" In the two groups, Amari counts on from the first set
		("5, 6, 7,) to get to the answer. (a) (a) (b) (c) (d)
	\circ	Same.
	O ₃	Do not know.
	\smile_4	

TEACHING MATHEMATICS CONTINUED

Each item below has two different statements about a child showing a skill in the area of mathematics. For each item, choose the one statement that describes the math skill that a child is likely to learn first. If both skills are equally easy for a young child, choose the circle next to "Same." If you do not know the answer, choose "Do not know."

i)		
	O_1	In a line of five toy sheep facing the same direction, Indigo answers the question, "Point to
		the second sheep in line."
	O_2	In a line of five toy sheep facing the same direction, Indigo answers the question, "Point to the first sheep in line."
	O_3	Same.
	O_4	Do not know.
:\		
j)	_	
	O_1	Daevon recognizes one-digit numerals (for instance, can point out a "4" in a group of printed numbers."
	O_2	Daevon reads single digit number words (for instance, can read the word "four").
	O_3	Same.
	O_4	Do not know.
Source:	Platas,	2008

This is the end of the survey. Thank you!

Communication to Participants Regarding Survey and Honorarium

Overview: The follow-up survey that will be administered to consented teachers/assistant teachers will be accompanied by a letter or email that introduces the survey. If a survey is not received, a follow-up reminder letter or email(s) may be sent.

SURVEY LETTERS/EMAILS

The following items will be addressed in communications to teachers/assistant teachers regarding the survey administered at follow-up:

- Brief reminder about the study and a brief description of the survey
- Description of how to return the survey
- Deadline for submission
- Toll-free number or study email address for technical issues or questions about the survey

THANK YOU LETTERS/EMAILS

Teachers/Assistant teachers who submit a survey will receive a thank you letter or email. The note will thank them for completing the survey and encourage future participation. The following items will be addressed in thank you notes:

- Thank you for participation
- Study importance
- Acknowledgement of the honorarium to their center or them as a thank you for their time
- [if necessary] Reminder about future data collections