4>

## IM & PI L

Lynch School of Education BOSTON COLLEGE

## Teacher Q e ionnai e

Your school has agreed to participate in TIMSS 2019 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science and studies di erences in national education systems in almost 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to teachers of <fourth grade> students, and seeks information about teachers' academic and professional backgrounds, classroom resources, instructional practices, and attitudes toward teaching. Since your class has been selected as part of a nationwide sample, your responses are very important in helping to describe primary/elementary education in <country>.

Some of the questions in the questionnaire refer to the " , , , , , , " or " , , , , " This is the class that is identified on the front of this booklet, and

# **TIMSS 2019**

G5 💼

# $\frac{1}{1} \frac{1}{1} \frac{1}$

**G6** 

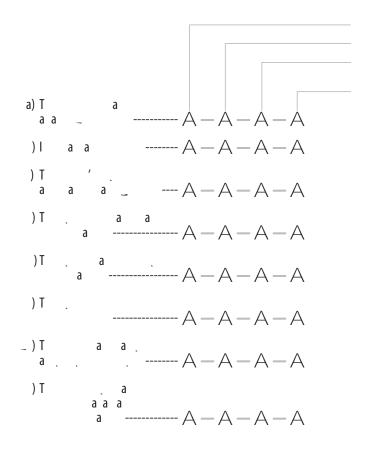
Check one ci cle fo each line.

'\_\_\_a\_\_\_a\_--a) T a )Ta '....A-A-A-A-A 'a ) T a ----- A-A-A-A а . ) T a 'a -----A - A - A - A - A) Pa а -----A-A-A-A-Aа ) Pa а а \_ ) Pa а а ------A-A-A-A-A а ) Pa a . ----A-A-A-A-A а ) S ------ A - A - A - A - A a a a a - A - A - A - A - A) S ) S . а а a a a ----- A - A - A - A) Caa  $\begin{pmatrix} a & a \\ a & a \end{pmatrix}$ 

#### **School Environment**

G7

(1) An along the second secon second sec

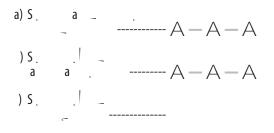


### About Being a Teacher

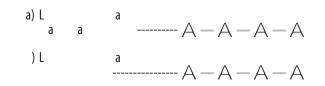
<Grade 4> Teacher Q e ionnaire

G13

en andre son andre s



 $\frac{1}{2} = \frac{1}{2} \left\{ \frac{1}{2} + \frac{$ 



is a construction of the second se

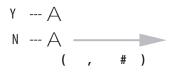
Check **one** ci cle onl .

Υ,		A
Y	,	A
N, a a	а	A

M4

I a star i service de la participar de la service de la ser

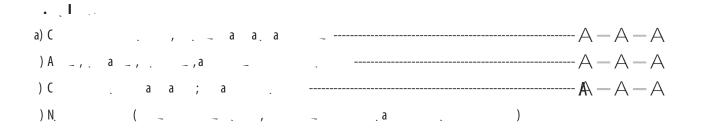
Check **one** ci cle onl .



#### If Yes,

a) Ea a a A - A a A - A a A - A

an and a second provide the second second and the second sec



1

Check **one** ci cle onl .

• prove the second p

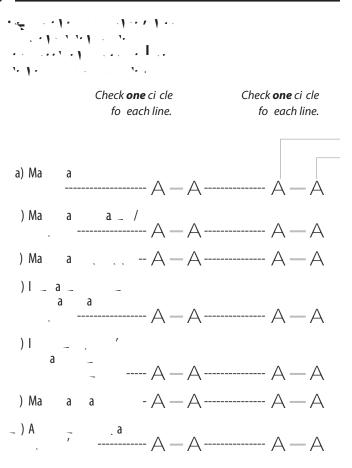
Check **one** ci cle onl .

	15		A
	16	30	A
	31	60	A
М	а	60	A

$$\begin{array}{c} \mathbf{I}_{\mathbf{y}} = \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} = \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} = \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} + \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} \\ \mathbf{I}_{\mathbf{y}} = \mathbf{v}_{\mathbf{y}} \mathbf{I}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} = \mathbf{I}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} + \mathbf{I}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} \\ \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} = \mathbf{I}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} = \mathbf{I}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} \\ \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} & \mathbf{v}_{\mathbf{y}} \end{bmatrix}$$

#### **Professional Development to Teach Mathematics**





M10

```
 \begin{array}{c} \sum_{i=1}^{n} (x_{i},y_{i}) = (x_{i},y_{i}) + (x_{i},y_{
```

Check one ci cle onl .

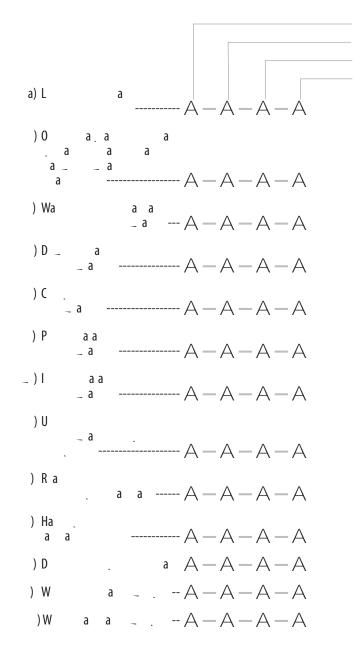
**S1** 

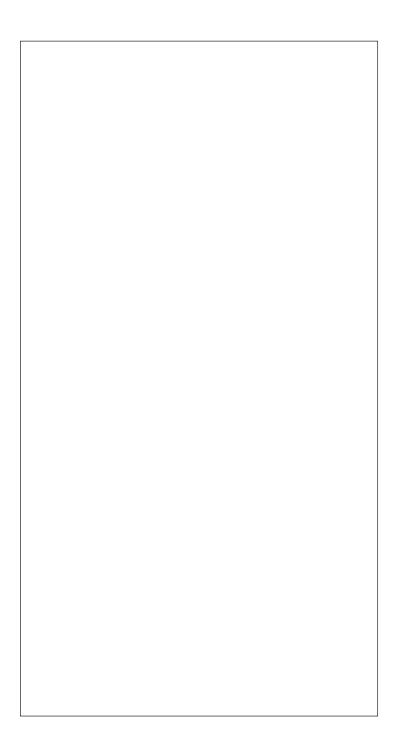
 $\begin{array}{c} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i=1}^{n}$ 

Check **one** ci cle onl .

\_\_\_\_\_ minutes per week W i e in hen mbe of min e e eek. Plea e con e hen mbe of ho in o min e.

- **S2**
- and the second sec





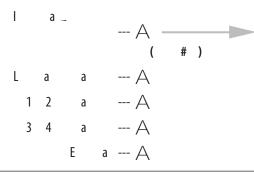
<Grade 4> Teacher Q e ionnaire

S4

#### Science Homework for the TIMSS Class

**S5** 

Check **one** ci cle onl .



Check **one** ci cle onl .

 $15 \qquad \dots \qquad A$   $16 \qquad 30 \qquad \dots \qquad A$   $31 \qquad 60 \qquad \dots \qquad A$   $M \qquad a \qquad 60 \qquad \dots \qquad A$   $M \qquad a \qquad 60 \qquad \dots \qquad A$  Check one ci cle fo each line.  $a) C \qquad a \qquad a \qquad \dots \qquad A \qquad A \qquad A \qquad A$ 

## Science Assessment of the TIMSS Class

S6

- · I construction of the second seco

