## Appendix 10F: Derived Items in TIMSS 2019

Grade 4 Mathematics	

Grade 4 Mathematics
M11_08 - ME61095: Bs

S02_03 - SE71017, SP71017:

## **Grade 8 Mathematics**

M14\_09 - ME72081: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

M14\_10 – ME72140, MP72140: Item parts A, B, C, D, E, and F are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

Items beginning with "ME" are eTIMSS items. Items beginning with "MP" are paperTIMSS items, or bridge items. paperTIMSS trend items deleted or recoded for all countries were also derived for eTIMSS bridge samples.

## Grade 8 Science

S01\_05 – SE52095Z, SP52095Z: Item parts B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct (part A is an example)

S02\_08 – SE72130, SP72130: Item parts A, B, and C are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S02\_11 – SE72232, SP72232: Item parts A, B, C, D, E, and F are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S04\_02 – SE72403: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S04\_13 – SE72345, SP72345: Item parts A, B, C, D, E, F, and G are combined to create a 2-point item, where 2 score points are awarded if all parts are correct and 1 score point is awarded if 5 or 6 parts are correct

S06\_13A - SE62173A, SP62173A: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S07\_05 – SE52015Z, SP52015Z: Item parts A, B, C, D, E, and F are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S08\_02 – SE72400: Item parts A, B, C, and D are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

S08\_13 – SE72260: Item parts A, B, C, D, E, F, and G are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

 $S08_{14} - SE72265$ , SP72265: Item parts A, B, C, D, and E are combined to create a 1-point item, where 1 score point is awarded if all parts are correct

Grade 8 Science	
S12_03 - SE72000: Item parts A, B, C, D, and E are combined to create a 2-point item, where 2 score point	its are