

# TNREADY

## ASSESSMENT BLUEPRINT

### Math Grade 4

This blueprint describes the content and structure of an assessment and defines the ideal number of operational test items by strand and standard of the Tennessee Comprehensive Assessment Program (TCAP).

IDEAL PERCENTAGE OF ITEMS*	IDEAL NUMBER OF ITEMS	SUBSCORE CATEGORIES AND STANDARDS
22-26%	10-14	<p><b>Computation with Whole Numbers</b></p> <p><b>4.NBT.B.4</b>      Number and Operations in Base Ten</p> <p><b>4.NBT.B.5</b>      Number and Operations in Base Ten</p> <p><b>4.NBT.B.6</b>      Number and Operations in Base Ten</p> <p><b>4.OA.A.1</b>      Operations and Algebraic Thinking</p> <p><b>4.OA.A.2</b>      Operations and Algebraic Thinking</p> <p><b>4.OA.A.3</b>      Operations and Algebraic Thinking</p>

\* The ranges shown indicate % of items on the assessment and are not a reflection of score points.

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IDEAL PERCENTAGE OF ITEMS*	IDEAL NUMBER OF ITEMS	SUBSCORE CATEGORIES AND STANDARDS
27-32%	12-17	<p><b>Fractions</b></p> <p>4.NF.A.1      Number and Operations--Fractions</p> <p>4.NF.A.2      Number and Operations--Fractions</p> <p>4.NF.B.3a      Number and Operations--Fractions</p> <p>4.NF.B.3b      Number and Operations--Fractions</p> <p>4.NF.B.3c      Number and Operations--Fractions</p> <p>4.NF.B.3d      Number and Operations--Fractions</p> <p>4.NF.B.4a      Number and Operations--Fractions</p> <p>4.NF.B.4b      Number and Operations--Fractions</p> <p>4.NF.B.4c      Number and Operations--Fractions</p> <p>4.NF.C.5      Number and Operations--Fractions</p> <p>4.NF.C.6      Number and Operations--Fractions</p> <p>4.NF.C.7      Number and Operations--Fractions</p>
18-23%	8-12	<p><b>Number Relationships and Patterns</b></p> <p>4.OA.B.4      Operations and Algebraic Thinking</p> <p>4.OA.C.5      Operations and Algebraic Thinking</p> <p>4.NBT.A.1      Number and Operations in Base Ten</p> <p>4.NBT.A.2      Number and Operations in Base Ten</p> <p>4.NBT.A.3      Number and Operations in Base Ten</p>

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IDEAL PERCENTAGE OF ITEMS*	IDEAL NUMBER OF ITEMS	SUBSCORE CATEGORIES AND STANDARDS
16-19%	8-10	<p><b>Geometric and Measurement Concepts</b></p> <p>4.MD.A.1      Measurement and Data</p> <p>4.MD.A.2      Measurement and Data</p> <p>4.MD.A.3      Measurement and Data</p> <p>4.MD.B.4      Measurement and Data</p> <p>4.MD.C.5a     Measurement and Data</p> <p>4.MD.C.5b     Measurement and Data</p> <p>4.MD.C.6      Measurement and Data</p> <p>4.MD.C.7      Measurement and Data</p> <p>4.G.A.1        Geometry</p> <p>4.G.A.2        Geometry</p> <p>4.G.A.3        Geometry</p>
100%	45-53	TOTAL

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