This blueprint describes the content and structure of an assessment and defines the ideal percentage of operational test items by reporting category for the Tennessee Comprehensive Assessment Program (TCAP).

### IDEAL PERCENTAGE OF ITEMS

**REPORTING CATEGORIES AND STANDARDS**

**18-28% Structure and Operations**
- M3.N.Q.A Quantities
- M3.A.SSE.A Seeing Structure in Expressions
- M3.A.SSE.B Seeing Structure in Expressions
- M3.APR.A Arithmetic with Polynomials and Rational Expressions
- M3.APR.B Arithmetic with Polynomials and Rational Expressions
- M3.APR.C Arithmetic with Polynomials and Rational Expressions

**27-31% Equations and Inequalities**
- M3.CED.A Creating Equations
- M3.A.REI.A Reasoning with Equations and Inequalities
- M3.A.REI.B Reasoning with Equations and Inequalities
- M3.G.GPE.A Expressing Geometric Properties with Equations
- M3.G.GPE.B Expressing Geometric Properties with Equations

**13-15% Functions**
- M3.F.IF.A Interpreting Functions
- M3.F.IF.B Interpreting Functions
- M3.F.BF.A Building Functions
- M3.F.LE.A Linear, Quadratic, and Exponential Models
- M3.F.TF.A Trigonometric Functions
- M3.F.TF.B Trigonometric Functions

**24-27% Geometry and Interpreting Data**
- M3.G.CO.A Congruence
<table>
<thead>
<tr>
<th>M3.G.C.A</th>
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<tr>
<td>M3.G.C.B</td>
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<td>M3.G.MG.A</td>
<td>Modeling with Geometry</td>
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<tr>
<td>M3.S.ID.A</td>
<td>Interpret Categorical and Quantitative Data</td>
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<td>M3.S.ID.B</td>
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<td>M3.S.IC.A</td>
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**53-64 Total Items** (including embedded field test items)

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