**Vertical Alignment of Blueprints**

 **3rd through 6th Grades**

This chart shows the vertical alignment of the OCCT Math Blueprints from 3rd through 6th grade. It was designed so you have an at-a-glance look at the progression of major concepts in each grade level as well as the percentage of the test which will be made up of that concept.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **3rd Grade** | **4th Grade** | **5th Grade** | **6th Grade** |
| **Standard 1: Algebraic Reasoning: Patterns and Relationships** | 7 | **14%** |  | 7 | **14%** |   | 13 | **26%** |  | 13 | **26%** |
|  | * 1. Algebra Patterns
 | 2 |  |  | 3 |  |  | 5 |  |  | 4 |  |
|  | * 1. Equations
 | 2 |  |  | 2 |  |  | 4 |  | * 1. Expressions & Equations
 | 4 |  |
|  | * 1. Number Properties
 | 3 |  |  | 2 |  |  | 4 |  |  | 3 |  |
|  |  |  |  |  |  |  |  |  | 1.4. Solving Equations | 2 |  |
| **Standard 2: Number Sense and Operations** | 20 | **40%** |  | 18 | **36%** |  | 16 | **32%** |  | 15 | **30%** |
|  | 2.1. Number Sense | 10 |  |  | 8 |  |  | 8 |  |  | 5 |  |
|  | 2.2. Number Operations | 10 |  |  | 10 |  |  | 8 |  |  | 10 |  |
| **Standard 3: Geometry** | 7 | **14%** |  | 9 | **18%** |  | 7 | **14%** |  | 8 | **16%** |
|  | 3.1. Properties of Shapes | 3 |  | 3.1. Lines | 2 |  | 3.1. Circles & Polygons | 4 |  | 3.1. 3-D Figures | 2 |  |
|  | 3.2. Spatial Reasoning | 2 |  | 3.2. Angles | 2 |  | 3.2. Angles | 3 |  | 3.2. Congruent & Similar Figures | 2 |  |
|  | 3.3. Coordinate Geometry | 2 |  | 3.3. Polygons | 3 |  |  |  |  | 3.3. Coordinate Geometry | 4 |  |
|  |  |  |  | 3.4. Transformations | 2 |  |  |  |  |  |  |  |
| **Standard 4: Measurement** | 9 | **18%** |  | 9 | **18%** |  | 7 | **14%** |  | 7 | **14%** |
|  | 4.1. Measurement | 4 |  |  | 5 |  |  | 5 |  | 4.1. Circles | 4 |  |
|  | 4.2. Time & Temperature | 2 |  |  | 2 |  | 4.2. Money | 2 |  | 4.2. Conversions | 3 |  |
|  | 4.3. Money | 2 |  |  | 2 |  |  |  |  |  |  |  |
| **Standard 5: Data Analysis** | 7 | **14%** |  | 7 | **14%** |  | 7 | **14%** |  | 7 | **14%** |
|  | 5.1. Data Analysis | 4 |  |  | 2 |  |  | 3 |  |  | 3 |  |
|  | 5.2. Probability | 4 |  | 5.2. Central Tendency | 3 |  | 5.2. Central Tendency | 2 |  | 5.2. Central Tendency | 2 |  |
|  |  |  |  | 5.3. Probability | 2 |  | 5.3. Probability | 2 |  | 5.3. Probability | 2 |  |