

# DeKalb County Schools

## Critical Concepts

### 7th Grade Math

- [Add and Subtract Rational Numbers\\*\\*](#)
- [Multiply and Divide Rational Numbers\\*\\*](#)
- [Use Proportional Relationships to Solve Problems](#)
- [Analyze Proportional Relationships](#)
- [Generate Equivalent Expressions](#)
- [Solve Problems Using Equations and Inequalities](#)
- [Make Inferences About Populations\\*\\*](#)
- [Investigate Probability Models\\*\\*](#)
- [Utilize Angle Relationships\\*\\*](#)
- [Construct and Describe Geometric Figures\\*\\*](#)
- [Solve Problems Involving Circumference, Area, Volume, and Surface Area\\*\\*](#)

### 7th Grade Mathematics

| Content Priorities<br>COS                   | Proportional<br>Reasoning | Number Systems<br>& Operations** | Algebra and<br>Functions | Data, Statistics,<br>& Probability** | Geometry &<br>Measurement** |
|---------------------------------------------|---------------------------|----------------------------------|--------------------------|--------------------------------------|-----------------------------|
| State Identified<br>Critical Standards      | 2, 3                      | 4, 5                             | 8, 9                     | 10, 12, 16                           | 17, 20, 22                  |
| State Identified<br>Supporting<br>Standards | 1                         |                                  | 6, 7                     | 11, 13, 14, 15                       | 18, 19, 21                  |
| ACAP Blueprints (#<br>Items on ACAP)        | 6                         | 10                               | 6                        | 15                                   | 9                           |

\*\*Heavily Assessed on ACAP