

Grade 4 Illustrative Math a curriculum that believes Anyone Can Do Math

Illustrative Math focuses on the why behind the how in mathematics. Students learn mathematics as a result of solving problems. These materials empower all students with activities that capitalize on their existing strengths and abilities to ensure that all learners can participate meaningfully in rigorous mathematical content. Students learn by doing math through solving problems, developing conceptual understanding, and discussing and defending their reasoning

A typical lesson begins with

1. A warmup which is a risk-free zone where students engage in independent think-time which may include any one of these topics
 - Notice and Wonder
 - Exploration Estimation
 - Number Talk
 - True or False
 - Which One Doesn't Belong?
2. One or more instructional activities
3. The lesson synthesis
4. A cool-down

The [Family Support Materials](#) describes in plain language the big ideas our fourth grade students will encounter.

These resources provide an overview of the mathematics your student is learning, detail what to expect as the learning deepens, and include questions as a family that you can ask your student that will promote conversation about the mathematics that is being taught in the classroom.

Unit 1 Factors and Multiples Family Support Materials	Unit 6 Multiplying and Dividing Multi-digit Numbers Family Support Materials
Unit 2 Fractions Equivalence and Comparisons Family Support Materials	Unit 7 Angles and Angle Measurement Family Support Materials
Unit 3 Extending operations to Fractions Family Support Materials	Unit 8 Properties of Two Dimensional Shapes Family Support Materials
Unit 4 From Hundredths to Hundred thousandths Family Support Materials	Unit 9 Putting it All Together Family Support Materials
Unit 5 Multiplicative Comparison and Measurement Family Support Materials	

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