

i-Ready Classroom Mathematics

Develop Session Video Library

Grade 7

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Unit 1: Proportional Relationships: Ratios, Rates, and Circles

Lesson 1: Solve Problems Involving Scale

Session 2: <https://videos.curriculumassociates.com/watch/NzaNZRUdiRE2s9hVSFD3oJ>

Session 3: <https://videos.curriculumassociates.com/watch/JqKBHg2XHpLxQ6rFc7jhUV>

Session 4: <https://videos.curriculumassociates.com/watch/SHUxj53k1N2URwNz5PKXhV>

Lesson 2: Find Unit Rates Involving Ratios of Fractions

Session 2: <https://videos.curriculumassociates.com/watch/nMfQ5QdCA8KAh8TBBRPcqa>

Lesson 3: Understand Proportional Relationships

Session 2: <https://videos.curriculumassociates.com/watch/ZCFh3h3PFahEAKsKcGeEWE>

Lesson 4: Represent Proportional Relationships

Session 2: <https://videos.curriculumassociates.com/watch/tMd5ACUjPGw6NAdDpTTnEt>

Session 3: <https://videos.curriculumassociates.com/watch/EFkU5veKq59rVWhPkL5jKE>

Lesson 5: Solve Proportional Relationship Problems

Session 2: <https://videos.curriculumassociates.com/watch/fRe79X4EFfpRd3ZgBWxFdp>

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Unit 1: Proportional Relationships: Ratios, Rates, and Circles

Lesson 6: Solve Area and Circumference Problems Involving Circles

Session 2: <https://videos.curriculumassociates.com/watch/V5jje2VFbyWh8ghe351TjD>

Session 3: <https://videos.curriculumassociates.com/watch/jrALQ9Z9CcHHVLrnPWgXNm>

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Unit 2: Numbers and Operations: Add and Subtract Rational Numbers

Lesson 7: Understand Addition with Negative Integers

Session 2: <https://videos.curriculumassociates.com/watch/aVLpS4PjesVejYc1tU2Sn5>

Lesson 8: Add with Negative Numbers

Session 2: <https://videos.curriculumassociates.com/watch/A3wfkzMiG3MLxZ1FfaRzJ7>

Session 3: <https://videos.curriculumassociates.com/watch/5eKjCxQSuf8LKcn5xgozXQ>

Lesson 9: Understand Subtraction with Negative Integers

Session 2: <https://videos.curriculumassociates.com/watch/atz16VSFjbFfdtg5jhiMfc>

Lesson 10: Add and Subtract Positive and Negative Numbers

Session 2: <https://videos.curriculumassociates.com/watch/FNg6Xeeka3GsGh6Umbvvsp>

Session 3: <https://videos.curriculumassociates.com/watch/t4PX4xRvgtsT1yV38XVFH4>

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Unit 3: Numbers and Operations: Multiply and Divide Rational Numbers

Lesson 11: Understand Multiplication with Negative Integers

Session 2: <https://videos.curriculumassociates.com/watch/AW9eutagLQWJsAaxgr9tkH>

Lesson 12: Multiply and Divide with Negative Numbers

Session 2: <https://videos.curriculumassociates.com/watch/3sXkBpTPPJdQJhQqHQ6pwm>

Session 3: <https://videos.curriculumassociates.com/watch/XqVrNe4XLhTWpM6DqCY12F>

Lesson 13: Express Rational Numbers as Terminating or Repeating Decimals

Session 2: <https://videos.curriculumassociates.com/watch/gsZ6rw1MVeFy5mULcCmses>

Session 3: <https://videos.curriculumassociates.com/watch/2WDiRvmXKkTYPvJtMVqbDV>

Lesson 14: Use the Four Operations with Negative Numbers

Session 2: <https://videos.curriculumassociates.com/watch/4XkXpsWBpCvRTU92RK1LEC>

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Unit 4: Algebraic Thinking: Expressions, Equations, and Inequalities

Lesson 15: Write Equivalent Expressions Involving Rational Numbers

Session 2: <https://videos.curriculumassociates.com/watch/2Umy6HiqquaVMao9emH5P8>

Session 3: <https://videos.curriculumassociates.com/watch/ySTM6dNoyj6bfYGjyr1neX>

Lesson 16: Understand Reasons for Rewriting Expressions

Session 2: <https://videos.curriculumassociates.com/watch/7kgxxupF4eze6K33vsaWzh>

Lesson 17: Understand Multi-Step Equations

Session 2: <https://videos.curriculumassociates.com/watch/dCByz1nxG244SK5PG3nrSG>

Lesson 18: Write and Solve Multi-Step Equations

Session 2: <https://videos.curriculumassociates.com/watch/6N5ZUzgT6dtPKwgQfHX1uY>

Session 3: <https://videos.curriculumassociates.com/watch/zxTrwtDhWUh2gean72mqp8>

Lesson 19: Write and Solve Inequalities

Session 2: <https://videos.curriculumassociates.com/watch/tkcX8imN4gLpkLeUb526Jy>

Session 3: <https://videos.curriculumassociates.com/watch/mYD1c5rCY9WafzLpGDWHk5>

Session 4: <https://videos.curriculumassociates.com/watch/V4FfEZgX42jcJzqgvMRFWd>

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Unit 5: Proportional Reasoning: Percents and Statistical Samples

Lesson 20: Solve Problems Involving Percents

Session 2: <https://videos.curriculumassociates.com/watch/QCc8Z3q5NEWGfxmABwKmTq>

Session 3: <https://videos.curriculumassociates.com/watch/Na751h34kacrTkaEQrDE6Z>

Session 4: <https://videos.curriculumassociates.com/watch/6DcSegTYVGyDQEonXpDqBe>

Lesson 21: Solve Problems Involving Percent Change and Percent Error

Session 2: <https://videos.curriculumassociates.com/watch/sHMPH1fxsRh3sgKL9BpGFG>

Session 3: <https://videos.curriculumassociates.com/watch/N51ZtjxiNucLnS2GDvQv6H>

Lesson 22: Understand Random Sampling

Session 2: <https://videos.curriculumassociates.com/watch/46s1B4PfWzCCKUvxz4gqt2>

Lesson 23: Reason About Random Samples

Session 2: <https://videos.curriculumassociates.com/watch/RJYCPvF6QWnyTo2a4qxr0F>

Session 3: <https://videos.curriculumassociates.com/watch/drmJK3NiiJEuU8cS1sfKT8>

Lesson 24: Compare Populations

Session 2: <https://videos.curriculumassociates.com/watch/u958bp7mMFgNqKcWg8vsX8>

Session 3: <https://videos.curriculumassociates.com/watch/imqseeUzjft1Nr76AUABt5>

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Unit 6: Geometry: Solids, Triangles, and Angles

Lesson 25: Solve Problems Involving Area and Surface Area

Session 2: <https://videos.curriculumassociates.com/watch/GFjt4DatH8gBmdU199sFdN>

Session 3: <https://videos.curriculumassociates.com/watch/UpCeRNZbzNsKLzUQ79K245>

Session 4: <https://videos.curriculumassociates.com/watch/5TjTkQnDGdiHpT3a9cnc37>

Lesson 26: Solve Problems Involving Volume

Session 2: <https://videos.curriculumassociates.com/watch/PPrp8YwdtjeQ1YYhBTAD15>

Session 3: <https://videos.curriculumassociates.com/watch/gR5o2fTrSVb8GhnJpz2hhQ>

Lesson 27: Describe Plane Sections of Three-Dimensional Figures

Session 2: <https://videos.curriculumassociates.com/watch/ost9sBAVJ7JqYyEdugAbQ3>

Lesson 28: Find Unknown Angle Measures

Session 2: <https://videos.curriculumassociates.com/watch/azJxgy6zMiC7aBxLLD3vNF>

Session 3: <https://videos.curriculumassociates.com/watch/YgmV56KfA3dyzgjfvh7okY>

Lesson 29: Draw Plane Figures with Given Conditions

Session 2: <https://videos.curriculumassociates.com/watch/r9G3qt6oZhW1tncS1kARdJ>

Session 3: <https://videos.curriculumassociates.com/watch/9HVCh6qoMThSWkrpfv7yA6>

Session 4: <https://videos.curriculumassociates.com/watch/bmiLhWZ1ADhvnbcToDsn4v>

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Unit 7: Probability: Theoretical Probability, Experimental Probability, and Compound Events

Lesson 30: Understand Probability

Session 2: <https://videos.curriculumassociates.com/watch/e7zTFzftND1LeDKgQX7ZwQ>

Lesson 31: Solve Problems Involving Experimental Probability

Session 2: <https://videos.curriculumassociates.com/watch/82L4nw17z5P54nzzhpSWYu>

Session 3: <https://videos.curriculumassociates.com/watch/pFwfPDMnX4rBKno12ZssF8>

Lesson 32: Solve Problems Involving Probability Models

Session 2: <https://videos.curriculumassociates.com/watch/atk8MVP7X1kD9LZac9g9D9>

Session 3: <https://videos.curriculumassociates.com/watch/QU7bRZwG5Yw5Acdc1fTtqM>

Lesson 33: Solve Problems Involving Compound Events

Session 2: <https://videos.curriculumassociates.com/watch/XjKEqL2LeiEGf9cvFiM2i>

Session 3: <https://videos.curriculumassociates.com/watch/gTepGvEGuRBA8eXHw17d6k>

Session 4: <https://videos.curriculumassociates.com/watch/RyKm9mK7nA6vdZWkWGgjJ5>

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