**MATH 8 (Petaja 23-24)**

**YEAR-AT-A-GLANCE**

**Unit 1: Expressions and Equations**

* Foundational Text: *Core Focus on Linear Equations* Block 1 (Stage 3 Book 1 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 7.NS.3, 6.EE.2/7.EE.1, 6.EE.7, 8.EE.7a, 8.EE.7b, HS.A-REI.3 (specific information about each standard available upon request)

**Unit 2: Sequences and Slope**

* Foundational Text: *Core Focus on Linear Equations* Block 2 (Stage 3 Book 1 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.F.4/8.F.5, 8.F.1-3, 8EE.5/8.EE.6 (specific information about each standard available upon request)

**Unit 3: Using Linear Equations**

* Foundational Text: *Core Focus on Linear Equations* Block 3 (Stage 3 Book 1 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.F.2-3/8.F.4-5, HS.A-REI.12 (specific information about each standard available upon request)

**Unit 4: Systems of Equations**

* Foundational Text: *Core Focus on Linear Equations* Block 4 (Stage 3 Book 1 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.EE.8a, 8.EE.8, HS.A-REI.12, 8.NS.1 (specific information about each standard available upon request)

**Unit 5: Two-Variable Data**

* Foundational Text: *Core Focus on Linear Equations* Block 5 (Stage 3 Book 1 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.SP.1-8.SP.3, 6.SP.4, 8.SP.4 (specific information about each standard available upon request)

**Unit 6: Angles and Triangles**

* Foundational Text: *Core Focus on Geometry* Block 1 (Stage 3 Book 2 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.G.5 (specific information about each standard available upon request)

**Unit 7: The Pythagorean Theorem**

* Foundational Text: *Core Focus on Geometry* Block 2 (Stage 3 Book 2 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.EE.2, 8.NS.1/8.NS.2, 8.G.6/8.G.7, 8.G.8 (specific information about each standard available upon request)

**Unit 8: Transformations**

* Foundational Text: Core Focus on Geometry Block 3 (Stage 3 Book 2 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.G.1/8.G.3, 8.G.2/8.G.4 (specific information about each standard available upon request)

**Unit 9: Exponents and Volume**

* Foundational Text: *Core Focus on Geometry* Block 4 (Stage 3 Book 2 online at [www.corefocusonmath.com](http://www.corefocusonmath.com) username: helena password: math)
* Supplemental Materials: IXL, worksheets, literacy lessons
* Assessments: Concept quizzes, vocabulary quizzes, reviews, end-of-unit tests
* Standards Covered: 8.EE.1, 8.EE.3/8.EE.4, 8.EE.2, 8.G.9, (specific information about each standard available upon request)