

Corsica Stickney Curriculum Map

| | | |
|---|---|--|
| <p>Subject: Math Grade:7th Unit 1 : The Number System Module1: Adding and subtracting integers Lessons: 1.1,1.2,1.3,1.4</p> | <p>Teacher: Mr. Jason Broughton Duration: August 2019</p> | |
| <p>Summary of unit: Students will be able to model real-world situations and interpret algebraic expressions.</p> | | |
| <p>Stage 1 - Desired Results</p> | | |
| <p>Standards 7.NS.1 Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; ... on a ... number line ... 7.NS.1b ... Show that a number and its opposite ... are additive inverses ... Interpret sums of rational numbers by describing real-world contexts. 7.NS.1c Understand subtraction of rational numbers as adding the additive inverse, $p - q = p + (-q)$. 7.NS.1d Apply properties of operations as strategies to add and subtract rational numbers. 7.NS.3 Solve real-world and mathematical problems involving the four operations with rational numbers. 7.EE.3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers . . . and assess the reasonableness of answers.</p> | <p>Essential Questions: How do you add integers with the same sign? How do you add integers with different signs? How do you subtract integers?</p> | |
| <p style="text-align: center;">Language objective</p> <p>Students will demonstrate and explain how to add integers with different signs</p> <p>Students will demonstrate how to subtract integers.</p> | <p style="text-align: center;">Mathematical practices</p> <p>MP.7 Using Structure</p> <p>MP.2 Reasoning</p> | <p style="text-align: center;">Integrate mathematical practices</p> <p>MP.5 This lesson provides an opportunity to address this Mathematical Practice standard. It calls for students to select tools as appropriate to solve problems. In Explore Activity 1, students use number lines to add integers with different signs. In Explore Activity 2, students use colored counters to add integers with different signs, and in Example 1, students work</p> |

Corsica Stickney Curriculum Map

| | | |
|--|--|---|
| | MP.5 Using Tools | with paper and pencil, using absolute value to add integers with different signs. |
| Stage 2 - Assessment Evidence | | |
| Performance Tasks: Homework quizzes, worksheet, Tests. | Unit Pre-Assessment: Assign ready-made or customized practice tests to prepare students for high-stakes tests | |
| | | |
| Stage 3 - Learning Plan | | |
| Learning Activities: procedures/topics Reading and discussing lesson with class. Giving students examples to be completed in class. Students taking notes and using notes to complete homework assignments. | | |
| Lesson Descriptions | | |
| Unit1 Module 1 Lesson 1.1 Solving equations Lesson 1.2 Modeling quantities Lesson 1.3 Reporting with Precision and Accuracy | | |