|  |
| --- |
|  |
|  |
|  |

**6thGrade Math Unit Plan-Number Sense**

**Indicators:**

NS.H.7 use simple expressions involving integers to represent and solve problems.

NS.A.3 explain why a number is referred to as being rational, and recognize that the expression a/b can mean a parts of size 1/b each, a divided by b, or the ratio of a to b.

NS.C.4 describe what it means to find a specific percent of a number, using real-life examples.

NS.D.5 use models and pictures to relate concepts of ratio, proportion, and percent, including percents less than 1 and greater than 100.

NS.D.9 give examples of how ratios are used to represent comparisons.

NS.I.14 use proportional reasoning, ratios, and percents to represent problem situations and determine the reasonableness of solutions.

NS.I.15 determine the percent of a number and solve related problems.

**Content/Concepts:**

        Use integers to solve, explain rational numbers, find percent of a number, give examples of ratios, solve problems using ratios, reasoning, and percents.

**Skills:**

Explain, recognize, give examples, determine reasonable answers, solve.

**Critical Questions:**

* Can I use integers to solve problems?
* Can I explain why a number is rational?
* Can I find the percent of a number?
* Can I use ratios to represent comparisons?

**Assessments:**

Daily classroom work

Practice work

Classroom participation

Quizzes

Tests