## Payette School District \#371

 McCain Middle School Curricular Map

## Math Curriculum Grade Eight

## Grade 8 Math

## The Number System

-पKnows that there are numbers that are not rational, and approximates them by rational numbers.

- Locates square roots on number line and approximates their value.


## Expressions and Equations

- Works with radicals and integer exponents.
- Converts between standard and scientific notation.
- Performs operations with scientific notation.

१—Performs operations with integer exponents.

- UUnderstands the connections between proportional relationships, lines, and linear equations.

प्यUnderstands unit rate as it relates to slope,
$y=m x+b$.

- $\quad$ Understands what the relationship of $m$ and the b are in the equation.
$\square \square$ Analyzes and solves linear equations and pairs of simultaneous linear equations.
$\square \square$ Solves problems that include one solution, no solution, and infinitely many solutions.
- $\quad$ Solves multi-step equations including rational coefficients.

