

WHAT WE'RE LEARNING IN 8TH GRADE

Quarter 3 Edition

Language Arts

The Holocaust

Novel: *Maus I*

- Analyze characters and plot
- Analyze themes
- Poetry and memoirs related to the Holocaust

Science

What is Matter?

- Law of Conservation
- Chemical Reaction
- Chemical Formulas

Social Studies

- Japanese Internment in WWII
- Korematsu v. United States
- The Atomic Bomb
- WWII Perspective Essay
- United Nations

Math

Functions

- Inputs and Outputs
- Representing and Interpreting Functions
- Linear Functions and Rates of Change

Volume

- Cylinders and Cones
- Dimensions and Spheres

Statistics (Bivariate)

- Organizing and Plotting Data
- Associations in Numerical Data
- Associations in Categorical Data

Exponents and Scientific Notation

- Exponent Rules

Algebra

Quadratic Equations and Expressions

- Graphing Quadratics in Standard and Vertex Form
- Completing the Square

Function Transformations

- Graph Cubic, Square, and Cube Root
- Translating and Dilating Functions

Humanities

Holocaust and Human Resilience

- Main idea and summary
- Action and idea interaction analysis
- Argument and informative writing integration

Art

- Project 1: Sketchbook Cover Design
- Project 2: Community Project
- Project 3: Begin Color Wheel Eyes