



# Citadel High Mathematics Department

## MATH ESSENTIALS 11 OUTLINE

**Prerequisite:** Successful completion of Math Essentials 10

**Textbook:** Mathematics for Everyday Life, 11 (Nelson)

**Course Outline:**

**DATA MANAGEMENT - 15%**

- Construct, display, and interpret data in various graphical forms
- Describe trends in data and use them to predict future events

**BANKING - 25%**

- Exploring credit cards and borrowing money
- Studying saving and investment strategies

**MEASUREMENT AND DESIGN - 30%**

- Exploring perimeter, area, surface area and volume
- Applying the Pythagorean Theorem

**HOUSING - 20%**

- Exploring the rights/responsibilities of landlords and tenants
- Calculating costs of renting an apartment or buying a house

**TAKING A TRIP - 10%**

- Determining a variety of expenses for planning a trip
- Reading distances using a scale on a map
- Understanding how to read and interpret schedules, maps, and tables

<b>Final Assessment:</b>	80% Course Outline
	20% Final Exam

**Note:** Individual assessments will be recorded in Powerschool and included in final grade after enough assessments have occurred within a unit.