## Workplace Math 11 Course Outline

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### **CORE COMPETENCIES**



Core competencies are sets of intellectual, personal, and social and emotional proficiencies that all students need to develop in order to engage in life-long learning.

Routines that will occur in the classroom are designed for students to:

- Connect and collaborate with peers and the teacher
- Think critically and creatively about problems and tasks
- Reflect on learning journey and set future goals

## **SUPPLIES**

Pencils, pens, eraser, ruler, sharpener, some crayons/highlighters/pens, lined paper, calculator

## TOPICS

Topic 1: Finances: earning money, loans, and budgeting

Topic 2: 3D Objects: angles, views, and scale diagrams

**Topic 3: Probability and Statistics** 

Topic 4: Rate of Change/Interpreting Graphs in Society

#### ASSESSMENT

Students will be assessed by their in-class work, assignments, quizzes, as well as through ongoing classroom observations and conversations. To help develop a growth mindset, students will have opportunities to learn from their mistakes and improve throughout the semester.

#### **CLASSROOM EXPECTATIONS**

Behave respectfully in our classroom (appropriate language, arrive on time, be considerate of teachers and classmates).

Minimize distractions by putting devices away during class time.

# "Failure is an opportunity to grow" **GROWTH MINDSET**

"I can learn to do anything I want" "Challenges help me to grow"

"My effort and attitude determine my abilities"

"Feedback is constructive"

"I am inspired by the success of others"

"I like to try new things" "Failure is the limit of my abilities" **FIXED MINDSET** "I'm either good at it or I'm not" "My abilities are unchanging"

"I don't like "I can either do it, to be challenged" or I can't"

"My potential is predetermined"

"When I'm frustrated, I give up"

> \*Feedback and criticism are personal

"I stick to what I know"