**UNIT OF STUDY**

**#12**

**Title:** Banking – Life Skills  
**Subject/Course:** SC Math  
**Length:** 2 weeks

**Topic:** Compute Wages  
**Grade:** 9th – 12th

**Designer:** D. Rye

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### UNIT GOALS AND EXPECTATIONS

**IMPORTANT CONCEPTS/UNDERSTANDINGS:**
- hours in a regular work week
- weeks in a month and year
- overtime rate is your rate times 1.5.
- Gross salary is a function in terms of hours worked

**ESSENTIAL QUESTIONS:**
- What is a wage?
- What is rate?
- How do you determine your weekly, monthly and yearly paycheck.
- How do you compute your paycheck if you work overtime?
- How do you compute overtime rate?

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### STUDENT LEARNING EXPECTATIONS:

*SEI.2.AI.5 - Solve real world problems that involve a combination of rates, proportions and percents*

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**SPECIFIC DECLARATIVE KNOWLEDGE – What I know**

Vocabulary words – wage, rate, overtime, overtime rate, paycheck

**SPECIFIC PROCEDURAL KNOWLEDGE – What I need to do**

complete a chart determining
- regular pay for a week, month, and a year (multiply and divide)
- regular hours and overtime hours (subtract from 40)
- overtime rate (rate X 1.5)
- final paycheck (reg. pay + overtime pay)

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### UNIT ASSESSMENTS

*Include tasks related to Dimensions 3 and 4 and Bloom’s Taxonomy*

Open response question  
* regarding a final paycheck when they work overtime. (application)

**Traditional Assessments:**
- independent practice worksheets
- Test
- quizzes as warm-up activity

**Other Evidence of Learning:**
- notes
- guided practice
- observation
### ACTIVITIES AND LEARNING EXPERIENCES

<table>
<thead>
<tr>
<th>Activity</th>
<th>Resources</th>
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</thead>
<tbody>
<tr>
<td>1. 4 step vocabulary to introduce key words from the unit.</td>
<td>4 step worksheet</td>
</tr>
<tr>
<td>2. complete charts determining weekly, monthly and yearly salary</td>
<td>teacher made worksheets</td>
</tr>
<tr>
<td>3. complete chart computing your paycheck with and without overtime.</td>
<td>teacher made worksheets</td>
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<tr>
<td>4. Marker board review – group review</td>
<td>Marker board and eraser</td>
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### Career Connections

- Business owner, adults – life skill, secretary, doctor