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Technology Integration Workshop 2020

Unit Title: Personal Checking

Grade Level: (example: 9, 10, 11, 12 or 7-8) **4th & 5th**

Subject Area: (example: Science, Physics; English, Short Stories) **Economics & Math**

Duration/Length/Number of class periods: (example: 5 class periods) **8-10**

Description: (This unit is embedded in the larger expedition theme of Personal Finance) As students complete and receive their paychecks as determined by their profession portfolio, they will accurately record their checking “deposits”. As students pay their monthly mortgage, auto loan, & grocery bill by writing checks, they will accurately record that information on their balance forms.

Established Goals (National, State, Local):

MN State K-12 Standards Addressed:

Math: 4.1.1.1, 4.1.1.2, 4.1.1.5, 4.1.2.4, 4.2.1.1, 5.1.1.1, 5.1.1.1, 5.1.2.1,

What **Enduring Understandings** are desired?

-Students will practice managing money/assets/finances through real-world operations. They will be required to exhibit diligence and exacting operations to emphasize that if they do not know how to budget their own finance, they will likely be taken advantage of and will lose much of their ability to reach pre-set economic goals.

What **Essential Questions** will be considered?

- Is it possible to meet your financial goals without recording your income and output in a checkbook?
- Do you need to be exact with your mathematical operations in your checkbook?
- How does recording your income and expenditures improve or harm your budgetary goals?

Students will know / be able to:

- Students will be able to identify and accurately record either income or expenditures (addition or subtraction) in their checkbook with 100% accuracy.
- Students will be able to identify place value in both numerical representations and in written form.
- Students will be able to write multi-digit numbers in written form.
- Students will be able to (legibly) sign their name in cursive.

Materials, tools and resources: Student Computer, Student Checkbook, Writing Utensil, Paychecks, Bills

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Students can numerically translate and write numbers represented in word form, and can translate and write numbers written in word form into numerals.

Formative Assessment: Numbers match words on each daily activity.
Summative Assessment: Students will write a multi-digit number as a word, and vice versa.
Introductory Activity: Gallery Walk - Reading Checks
Learning Activity: Math Worksheet #2 (record answers to simple multi-digit +/- questions in words)
Student Technology Used: None
Teacher Technology Used: None
MN State Standards: 4.1.1.2, 4.1.2.4,

Students can identify a “withdrawal” or bill and subtract correctly from their checkbooks balance(s). Students can identify a “deposit” or income and add it correctly to their checkbook balance(s).

Formative Assessment: Students can use addition and subtraction daily and identify key vocabulary words.
Summative Assessment: Students will identify and record income and expenditures correctly in their checkbook.
Introductory Activity: Partner Read - How Much Was Left?
Learning Activity: Vocabulary Phrase Match
Student Technology Used: Microsoft Excel/Google Sheets
Teacher Technology Used: Microsoft Excel/Google Sheets
MN State Standards: 4.1.1.2, 4.1.1.5, 5.1.1.1,

Students can align columns and rows properly as shown in their checkbooks.

Formative Assessment: Students will keep their checkbook columns aligned through each transaction.
Summative Assessment: Students will keep rows and columns aligned in their checkbook balance pages.
Introductory Activity: Spatial Awareness/Reasoning 3-Dimensional Riddles
Learning Activity: MENSA 3-D Block Counting
Student Technology Used: Microsoft Excel/Google Sheets
Teacher Technology Used: Microsoft Excel/Google Sheets
MN State Standards: 4.1.1.2, 4.2.1.1,

Students can legibly use cursive writing to express both numbers and words.

Formative Assessment: Students will correctly spell numbers or words in cursive on each check they write.
Summative Assessment: Students will write all checks for expenditures in legible cursive.
Introductory Activity: Gallery Walk - Reading 1800’s and early 1900’s legal documents with numbers as words.
Learning Activity: Math Worksheet #3 (record answers to simple multi-digit +/- questions in words)
Student Technology Used: None
Teacher Technology Used: None
MN State Standards: 4.1.1.5, 4.1.2.4,