

WAMC Lesson Plan

Name: Becky Roberts

Email Address: Becky_Roberts@msvl.k12.wa.us

Lesson Title: Writing checks, filling out a deposit slip, and completing a check register

Date: 6/26

Text: Financial Algebra

STEM Correlation: TM

Lesson Length: 1 class period

Big Idea (Cluster): Bank accounts

Mathematics K–12 Learning Standards:

N.RN.A.1, N.Q.A.1, A.SSE.A.1, A.SSE.A.2, A.SSE.B.3, 3a, 3b, 3c, A.SSE.B.4

Mathematical Practice(s):

- Make sense of problems and persevere in solving them.
- Attend to precision.

Content Objectives: To be able to correctly complete a check, deposit slip, and a check register.

Language Objectives (ELA):

RST.9-10.2, RST.9-10.4, RST.9-10.7, RST.9-10.9, RST.9-10.10

Vocabulary:

- Checking account
- Check
- Electronic funds transfer
- Payee
- Drawer
- Check clearing
- Deposit slip
- Direct deposit
- ATM
- PIN
- Hold
- Endorse
- Canceled
- Insufficient funds
- Overdraft protection
- Maintenance fee
- Interest
- Single account
- Joint account
- Check register
- Debits
- Credits

Connections to Prior Learning:

Prior experience with checking and savings accounts.

Questions to Develop Mathematical Thinking:

- What is the importance of keeping accurate records?

Common Misconceptions:

- No one writes checks, fills out deposit slips or keeps a check register anymore.

Assessment (Formative and Summative):

- Circulate around room checking for understanding (formative)
- Quiz on completing the 3 types of documents (summative)

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Materials:

- Textbook
- Blank check
- Blank deposit slip
- Blank check register

Instruction Plan:

Introduction: Show examples of all three documents, and have students work examples with the teacher and then try all three on their own using an additional handout.

Explore: Why is it important to learn these documents when so much banking is now done through technology?

When I observe students: appropriately filling out the forms, I believe they are understanding the concepts.

Questions to Develop Mathematical Thinking as you observe: What could happen if you don't keep accurate records of your bank accounts.

Answers: You may not have an accurate accounting of your funds, and you could become overdrawn.

Summarize: Discuss question above and the implications of not understanding the underlying processes.

Career Application(s):

- Banking and Finance

Leadership/21st Century Skills:

21st Century Interdisciplinary themes (Check those that apply to the above activity.)

- Global Awareness Financial/Economic/Business/Entrepreneurial Literacy Civic Literacy
 Health/Safety Literacy Environmental Literacy

21st Century Skills (Check those that students will demonstrate in the above activity.)

LEARNING AND INNOVATION

Creativity and Innovation

- Think Creatively
 Work Creatively with Others
 Implement Innovations

Critical Thinking and Problem Solving

- Reason Effectively
 Use Systems Thinking
 Make Judgments and Decisions

Solve Problems

Communication and Collaboration

- Communicate Clearly
 Collaborate with Others

INFORMATION, MEDIA & TECHNOLOGY SKILLS

Information Literacy

- Access and Evaluate Information
 Use and manage Information
Media Literacy

Analyze Media Create Media Products Information, Communications and Technology (ICT Literacy)

- Apply Technology Effectively

LIFE & CAREER SKILLS

Flexibility and Adaptability

- Adapt to Change
 Be Flexible
Initiative and Self-Direction
 Manage Goals and Time

Work Independently

Be Self-Directed Learners

Social and Cross-Cultural

- Interact Effectively with Others
 Work Effectively in Diverse Teams

Productivity and Accountability

- Manage Projects

Produce Results

Leadership and Responsibility

- Guide and Lead Others
 Be Responsible to Others

<https://wa-appliedmath.org/>

WAMC Lesson Plan

Name: Becky Roberts

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Lesson Title: Reconciling a Bank Statement

Date: 6/26

Text: Financial Algebra

STEM Correlation: TM

Lesson Length: 1 class period

Big Idea (Cluster): Bank accounts

Mathematics K-12 Learning Standards:

N.RN.A.1, N.Q.A.1, A.SSE.A.1, A.SSE.A.2, A.SSE.B.3, 3a, 3b, 3c, A.SSE.B.4

Mathematical Practice(s):

- Make sense of problems and persevere in solving them.
- Attend to precision.

Content Objectives: To be able to correctly reconcile a bank statement.

Language Objectives (ELA):

RST.9-10.2, RST.9-10.4, RST.9-10.7, RST.9-10.9, RST.9-10.10

Vocabulary:

- Account number
- Bank statement
- Statement period
- Starting balance
- Ending balance
- Outstanding deposits
- Outstanding checks
- Balancing
- Reconciling

Connections to Prior Learning:

Checking and savings accounts.

Questions to Develop Mathematical Thinking:

- Why is it important to learn this skill, and what are the steps to complete a reconciliation.

Common Misconceptions:

- No one writes checks, fills out deposit slips or keeps a check register anymore, so there would be no need to reconcile.

Assessment (Formative and Summative):

- Circulate around room checking for understanding (formative)
- Quiz on reconciling a bank account (summative)

Materials:

- Textbook
- Completed check register
- Bank statement
- Reconciliation form

Instruction Plan:

Introduction: Explain the reconciliation process, and have the students complete a reconciliation as the teacher walks through it. Then have the students try a reconciliation on their own.

Explore: Why is it important to learn these documents when so much banking is now done through technology?

WAMC Lesson Plan

When I observe students: appropriately filling out the forms, I believe they are understanding the concepts.

Questions to Develop Mathematical Thinking as you observe: What are the necessary steps to accomplish the task and in what order?

Answers: Check off the checks and deposits in the check register using the bank statement. Then fill out the reconciliation form. Finally, record any needed entries into the check register.

Summarize: Discuss question above and the implications of not understanding the underlying processes.

Career Application(s):

- Banking and Finance

Leadership/21st Century Skills:

21st Century Interdisciplinary themes (Check those that apply to the above activity.)

- | | | |
|---|--|---|
| <input type="checkbox"/> Global Awareness | <input checked="" type="checkbox"/> Financial/Economic/Business/Entrepreneurial Literacy | <input type="checkbox"/> Civic Literacy |
| <input type="checkbox"/> Health/Safety Literacy | <input type="checkbox"/> Environmental Literacy | |

21st Century Skills (Check those that students will demonstrate in the above activity.)

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Productivity and Accountability

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- Produce Results

Leadership and Responsibility

- Guide and Lead Others

- Be Responsible to Others

<https://wa-appliedmath.org/>

2-1 Blank Documents

DATE _____ 101

PAY TO THE ORDER OF _____ \$ _____

DOLLARS

 **MoneyInstructor.com Bank**
1221 Main Street
Anywhere, US 10001

FOR _____

⑆74894934⑆ 6793868122⑈ 0101⑈

DEPOSIT TICKET

DATE _____
DEPOSITS MAY NOT BE AVAILABLE FOR IMMEDIATE WITHDRAWAL

SIGN HERE FOR CASH RECEIVED (IF REQUIRED)*

	DOLLARS	CENTS
CASH		
LIST CHECKS SINGLY		
SUB TOTAL		
LESS CASH RECEIVED		
TOTAL		

 **ROME FINANCIAL BANK**

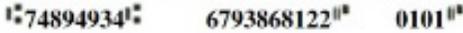
⑆04 2000 13⑆ 5171151007⑈

Name _____ Period _____

2-1 Quiz

Directions: Complete the check and complete the deposit slip. Enter \$230.50 as the opening balance in the check register, and then record both the check and the deposit.

- Write check 210 to Safeway for \$83.19.

DATE _____	210
PAY TO THE ORDER OF _____ \$ _____	
DOLLARS	
 MoneyInstructor.com Bank 1221 Main Street Anywhere, US 10001	
FOR _____	
 ⑆74894934⑆ 6793868122⑈ 0101⑈	

- Fill out a deposit slip for the following: You deposit \$9.52 in pennies, your paycheck, and then keep out \$20.00 in cash.

Town of Faircity P.O. Box 66738 Faircity, ME 04106	Key Bank of Maine 99-99/999 Falmouth, ME 04106							
00008753								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Emp #</th> <th style="width: 15%;">Date</th> <th style="width: 20%;">Check No.</th> <th style="width: 50%;">Check Amount</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">000102</td> <td style="text-align: center;">06/24/2006</td> <td style="text-align: center;">00008753</td> <td style="text-align: right;">***617.14*</td> </tr> </tbody> </table>	Emp #	Date	Check No.	Check Amount	000102	06/24/2006	00008753	***617.14*
Emp #	Date	Check No.	Check Amount					
000102	06/24/2006	00008753	***617.14*					
SIX HUNDRED SEVENTEEN AND 14/100 DOLLARS								
PAY to the Order of RICHARD A. RICHARDSON 103 JOSEPHINE STREET FICTITIOUS EMPLOYEE ADDRESS 2 LISBON FALLS, ME 04252	VOID AFTER 90 DAYS _____ Authorized Signature							
⑆008753⑆ ⑆099229999⑆ 99112221133311⑆								

DEPOSIT TICKET																												
_____ _____ _____ DATE _____ <small>DEPOSITS MAY NOT BE AVAILABLE FOR IMMEDIATE WITHDRAWAL</small> _____ <small>SIGN HERE FOR CASH RECEIVED (IF REQUIRED)*</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">DOLLARS</th> <th style="width: 20%;">CENTS</th> </tr> </thead> <tbody> <tr> <td>CASH</td> <td></td> <td></td> </tr> <tr> <td>LIST CHECKS SINGLY</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <td>SUB TOTAL</td> <td></td> <td></td> </tr> <tr> <td>LESS CASH RECEIVED</td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> </tr> </tbody> </table>		DOLLARS	CENTS	CASH			LIST CHECKS SINGLY												SUB TOTAL			LESS CASH RECEIVED			TOTAL		
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Name _____ Period _____

2-2 Quiz

Directions: Complete the following reconciliation.

ITEM NO.	DATE	TRANSACTION DESCRIPTION	SUBTRACTIONS		✓	FEE	ADDITIONS		BALANCE	
			AMOUNT OF PAYMENT				AMOUNT OF DEPOSIT			
									500	00
6801	9/1	Athletic Shoe Co.	55	63					55	63
		Running shoes							444	37
	9/4	Work paycheck					235	00	235	00
		Direct deposit							679	37
6802	9/6	Food 'n Shop	22	36					22	36
		Groceries							657	01
6803	9/10	Credit Union	25	00					25	00
		Cash							632	01
	9/17	ATM	15	00		.50			15	50
		Cash							616	51
	9/18	Work paycheck					355	00	355	00
		Direct deposit							971	51
	9/23	Energy Plus Utility	26	75					26	75
		Electric bill autopay							944	76
6804	9/28	Aria Dayson	23	00					23	00
		viola lessons							921	76
	9/28	Best-Mart					35	50	35	50
		Refund check							957	26

MEMBER STATEMENT				
 Your Credit Union Anyplace USA		Page 1 of 1		
Thomas B. Anderson 2063 Pleasant Road Anywhere, USA 12345		Statement Closing Date September 30, 20XX		
PREMIUM SHARE DRAFT ACCOUNT				
Beginning Balance on August 30, 20XX		\$ 500.00		
Deposits and other additions		+590.00		
Checks paid and other subtractions		-122.88		
<i>Trans. Date</i>	<i>Description</i>	<i>Debits</i>	<i>Credits</i>	<i>New Balance</i>
8/30	Beginning balance			500.00
9/01	Check No. 6801	55.63		444.37
9/04	ACH: Payroll		235.00	679.37
9/10	Check No. 6803	25.00		654.37
9/17	ATM: Withdrawal S51491 6	15.50		638.87
9/18	ACH: Payroll		355.00	993.87
9/23	ACH: Energy Plus Utility	26.75		967.12
9/30	Closing balance			967.12

