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Personal Financial Literacy [6th grade]

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Financial Literacy – 6th Grade (7-9 class periods)

Stage 1 – Desired Results				
Established Goals (e.g.,	Transfer			
standards)	Students will independently use their learning to			
6.14A compare the	Make choices when faced with simple budget conflicts and analyze the effect			
features and costs of a	of their choices.			
checking account and	24			
debit card offered by		eaning		
different local financial institutions	Understandings Students will understand that	Essential Questions How can I become a knowledgeable		
Institutions	Creating a money conscious budget	consumer?		
6.14B distinguish	can help keep me out of debt.	consumer:		
between debit cards and	' '	What control do I have over my		
credit cards	Everything has a cost and there are	financial destiny?		
6.14C balance a check	many different ways people can	manda destiny.		
register that includes	choose to pay for something.	How do the choices I make today effect		
deposits, withdrawals		my success?		
and transfers	My decisions as a knowledgeable	,		
6.14D Explain why it is	consumer impact my financial well-	What is living within your means?		
important to establish a	being.			
positive credit history				
6.14E Describe the		uisition		
information in a credit	Knowledge Students will know	Skills Students will be able to		
report and how long it is	Students will know	Students will be uble to		
retained	Grants and scholarships are ways to	Balance a check book.		
6.14F Describe the value	pay for college you don't have to			
of credit reports to	pay back.	Explain the difference between credit		
borrowers and lenders		and debit.		
6.14G Explain various	Loans and credit cards are ways to			
methods to pay for	pay for purchases that are paid back	Make informed choice on when to use		
college, including	with interest.	credit or debit.		
through savings, grants,				
scholarships, student	The use of a credit report.	Calculate lifetime incomes given annual		
loans, and work study		salaries.		
6.14H compare the	The more schooling you have post-			
annual salary of several	secondary, the more money you are	Calculate student loan needed when		
occupations requiring	likely to make.	given tuition and other forms of		
various levels of post-		payment		
secondary education or				
vocational training and calculate the effects of				
the different annual				
salaries on lifetime				
income.				

		Stage 2 – Evidence	
CODE (M or T)	Evaluative Criteria (for rubric)		
Т	Correctly Identifying Withdraws and Deposits Performing correct mathematical operations Justifying monetary decisions Analyzing the effect of the choice.	Performance Task(s) Students will demonstrate meaning-making and transfer by Students will have the option to choose their future career or choose from a list of ten that give options of annual salary and years of post-secondary schooling or training. Monthly salaries will need to be notated for the practical use of their budget. They will have to create a budget by choosing what necessities and luxuries to include with local average costs given. Students will need to justify choices. They will then pull random life occurrences from "a hat" and have to choose how to respond – life crises, car trouble, windfall of money, etc. Include these on a time line and adjust balances accordingly. In each class period, students can be awarded for 1) saving the greatest percentage of their monthly salary, 2) using the greatest percentage without going over, and/or 3)are able to "buy" luxury items provided (example: a \$100 Hershey's kiss).	
M/T		Other Evidence (e.g., formative) Do-Nows (Warm-Ups) Homework	
		Stage 3 – Learning Plan	
CODE (A, M, T)	How wi	Pre-Assessment ill you check students' prior knowledge, skill levels, and potent	tial misconceptions?
Α	Register) Do Now – Addin Hook – Alexand Discussion (5 m deposit? What work problem? Introduce Esser	As focus: 6.14A, 6.14C (Balancing Checking and subtracting decimal number refresher ter Who Used to Be Rich Last Sunday (5-10 min) in): What happened to Alexander? What was his were the withdrawals? What ends up being his	Progress Monitoring (e.g., formative data)

М	Activity: Show me my money! (15 min) Using copies of my own	Chack Bagistar Balanca
IVI	pay stub and bills, students will balance a check register using actual real life situations.	Check Register Balance
	Discuss (10 min): The cost comparison of checking accounts	
	with local banking institutions and looking for hidden fees to	
	choose the best bank for given situations. Examples in <u>Texas</u>	
	Math page 882	
	Homework: Check Book balance practice and Comparing local	
Т	bank checking accounts (From Texas Math page 883)	Check Register HW
	Day Two – TEKS focus: 6.14D, 6.14E, 6.14F (Credit	
	Reports)	
	Do Now – Identify what is withdrawal and what is deposit.	
	Balance a few checkbook transactions. (5 min)	
_	Hook – "Can I borrow?" Activity (10 minutes). Excuse two	
A/M	students from their Do Now to prep them on this activity or pre-	
	plan before class. Dress one to look messy or untrustworthy or	
	tell them to act sketchy. Dress the other to look plain or normal,	
	whatever the case may be. Instruct these two students to	
	quietly move around the room asking other students to borrow	
	something, the more obscure or important the better. Hopefully	
	this works that the student behaving trustworthy or normal	
	obtains the things they are trying to borrow (with the promise	
	of return) and the other student does not. Discuss why that was	
	the case. Then relate to banks and credit cards. Banks cannot	
	judge you by your outward and obvious behavior, so they look	
	to your credit score. EQ Focus: What control do I have over my financial destiny?	
	How do the choices I make effect my success?	
	Activity: You're the banker – Who would you lend to? (15	
M	minutes). Two borrowers are given. What is the effect of their	
	credit scores on their interest rates? What is the effect of their	
	interest rates on their monthly payments? On how much the	Exit ticket: Why was
	pay in a year? In five years?	Karen's interest rate
	Discussion (10 minutes): Information is retained in a credit	lower?
A/M	report for seven years. Have students reflect on how poor	
	choices relating to credit can affect their future.	
Т	Homework: You're the Banker HW. Justify which borrower you	Credit Score HW
ı	would lend to if you were the banker. Tell why.	CIEUIL SCOIE FIVV

Day Three – TEKS focus: 6.14B (Credit v Debit) **Do Now** – Share answers to homework. (5 min) **Hook** (6 min) – YouTube clip from "Confessions of a Shopaholic" https://www.youtube.com/watch?v=xfPuQLbnsu8 EQ Focus: How can I become a knowledgeable consumer? What is living within your means? **Lesson** (15 min) – Chart, Advantages and Disadvantage of Debit Α and Credit Cards. Some students may have prior knowledge and will be able to contribute. This is a time to correct any misconceptions. Activity (10 min) – Venn Diagram Sort: Differences between **Debit and Credit Cards** Μ Exit ticket: What's the **Homework**: Identify whether the person in the story was using a difference between a debit or credit card debit card and a credit card? Day Four – TEKS focus: 6.14B (Credit v Debit) **Do Now** – Share answers to homework. Does everyone agree? (5 min) **Hook** – YouTube clip from "Confessions of a Shopaholic" (5 min) https://www.youtube.com/watch?v= y02ZvGAaBo **EQ Focus:** ALL How can I become a knowledgeable consumer? What is living within your means? What control do I have over my financial destiny? How do the choices I make effect my success? **Discuss**: Sometimes it's necessary to put a purchase on a credit card and credit cards can be helpful when trying to establish positive credit. However, it is important to not frivolously spend A/M money one doesn't have. Explain credit and interest before presenting situations where students must discern the best course of action for the consumer. Once a decision is made. work out the math as a class to see what happens to the consumer. Do they overdraft on their checking account? Do they end up paying \$700 for a \$400 dollar TV? Work through two examples as a class. Activity – Stations. Four scenarios given, students move around room, reading through purchasing problems and answering the questions: Т What would be the effect is they used a credit card? If they use their credit card, can they pay off their purchase in the time allotted with only the minimum payment? What would be the effect if they used their debit card? (How

	much money do they have left in their bank account? Do they	
	have to pay an overdraft fee?)	
	What would you do in this scenario?	Station Reflection
	Homework: Page 883 in <u>Texas Math</u>	
Т		Effects of Credit or Debit HW
'	Day Five – TEKS focus: 6.14G, 6.14H (Paying for college	Depit HW
	and Lifetime Incomes).	
	Do Now – Using the vocabulary [Scholarships, Grants, Work-	
	Study, and Student Loans] have students describe what they	
	know about each. (10 min)	
	Hook (10-15 minutes) – Reveal cost of local public higher	
	education institution. Ask students how they expect a normal	
Α	student to come up with the funds as a teenager or twenty-	
	something. Share Ideas.	
	EQ Focus: What control do I have over my financial destiny?	
	Discuss necessity of post-secondary education. Give average (starting) salaries of related fields: Veterinarian/Vet Technician,	
	Physical Therapist/PT Assistant, etc.	
	Activity (20 min) – Using given scenarios, calculate how much a	
	person has to pay to go to college or four years, and how, given	
М	two profession options, they will earn after college.	Exit Ticket: What's the
	Homework: Pages 895 and 899 from Texas Math	point?
T	Day 6 All 6.14 TEKS	
'	Review	
	Assessment: Chapter 11 Test from <u>Texas Math</u>	
Т	7.65cosmenti Giupter 11 rese nom <u>resus wati.</u>	
	Day 7-9 All 6.14 TEKS	
	Performance Assessment	
Т		

Reproducible activities follow. Some ideas borrowed and adapted from McGraw Hill <u>Texas Math</u>, Texas Council on Economic Education, and Federal Reserve Bank of Richmond.

ame: Date:	Period:
ille.	ale.

Show me my money!

On the 27th of every month, Ms. Webb receives a paycheck from our school district. Given the packet of bills Ms. Webb has made, find the due dates and the amount owed and insert them in the chronological order, balancing the check register as you go!

Her initial balance in her checking account was \$231.13

Check No.	Date	Transaction	Withdrawal	Deposit	Balance

Name:		Date:	Period:
	You're the Banker!		
See the	effect of the loans you've approved!		
	credit score is 820. She applied for a \$165,000 30 year mortgag 3.11% with a monthly payment of \$914. How much will Karen p ge?	_	
1. 「	Multiply her monthly payment by the number of months in a ye	ear:	
In five y	ears?		
2. [Multiply your previous answer by five:		
Arnie's (credit score is 625.		
3. \	What's the difference between Arnie and Karen's scores?		
	so applied for a \$165,000 30 year mortgage and got an interest payment of \$1,075.	rate of 4.8% with	ı a
4. \	What will Arnie pay in one year of the mortgage?		
5. I	Five years?		
6. I	How much more will Arnie pay than Karen in one year?		
7. I	n five years?		
8. \	Why do you think Karen got a better interest rate on her loan th	nan Arnie?	
9. \	What effect did this have on how much they pay per month/yea	ar/five vears?	

Name:	Date:	Period:
You're the Banker! HW		
Using the information provided and what you know about creor people you would most likely give a loan to.	dit reports to cho	ose the person
 Identify the TWO borrowers you would most likely offer scores alone. Justify your response. 	er a loan based or	n their credit
seeres aloneradatily your responder	Name	Credit Score
	C. Baxter	665
	L. Allen	770
	S. Weaver	710
	L. Gittens	765
 Identify the TWO borrowers you would least likely offe scores alone. Justify your response. 	r a loan based on	their credit
, , can be a second of the sec	Name	Credit Score
	F. Scott	815
	E. Griffen	480
	J. Rowling	774
	G. Butler	570
People are always asking you for advice and seeking your guid matters. Help the following people by telling them if their action (raise) or negatively affect (lower) their credit scores. 3. S. Jones – "I make all of my student loan payments on the student loan payments of the	ons are going to p	
4. P. Sherman – "I borrowed more than I can repay."		
5. R. Brooks – "I made six late car payments last year"		
True or False? If the statement is false, rewrite it so that it is tr	ue.	
6. My credit report cannot affect my future ability to obta	ain a loan.	

7. A credit report is always correct and doesn't contain any errors.

8. Negative actions on a credit report usually remain for 7 years.

Debit versus Credit (KEY)

These cards look the same. They are made out of plastic and have a magnetic strip that allows them to be swiped at most places people make purchases. However, they work very differently. Fill in the chart with words from the word bank that make sense.

CARD	ADVANTAGE	DISADVANTAGE
		You must have enough MONEY in
		your account to cover your
	You don't have to carry CASH or a	purchases.
DEBIT CARD – When this	СНЕСКВООК	
		You have to remember your PIN
card is used to purchase	It's SAFE because only you know	to access your cash.
goods or services, money is WITHDRAWN directly from	your Personal Identification	
,	Number (PIN)	If you don't record your
the card owner's BANK		purchases, you may OVERDRAW
account.	Without the PIN , no one else can	and have to pay a fine.
	access your money at the ATM	
		You may have to pay a monthly
		FEE for the card
	You can buy things before you	
	have SAVED all of the purchase	You may have to pay a yearly FEE
	price.	for the card.
CREDIT CARD – When this		
card is used, the card owner	If someone STEALS your card,	You pay INTEREST on the unpaid
is BORROWING money from	you're only responsible for part of	balance.
the credit card company and	the purchases they make.	
will receive a BILL they must		Because of interest, you may pay
repay.	It's a way to pay for EMERGENCY	MORE for items.
Tepuy.	expenses.	
		Late fees will apply if MINUMUM
	Used responsibly, it can help build	PAYMENT is not made on time.
	a POSITIVE credit history.	

		WORD BANK:		
BANK	CHECKBOOK	INTEREST	MONEY	SAFE
BILL	EMERGENCY	MINIMUM	PIN	SAVED
BORROWING	FEE	PAYMENT	PIN	STEALS
CASH	FFF	MORF	POSITIVE	WITHDRAWN

Debit versus Credit

These cards look the same. They are made out of plastic and have a magnetic strip that allows them to be swiped at most places people make purchases. However, they work very differently. Fill in the chart with words from the word bank that make sense.

CARD	ADVANTAGE	DISADVANTAGE
DERIT CARD — When this	You don't have to carry or a	You must have enough in your account to cover your purchases.
DEBIT CARD – When this card is used to purchase goods or services, money is directly from the card owner's account.	It's because only you know your Personal Identification	You have to remember your to access your cash.
	Number (PIN) Without the, no one else	If you don't record your purchases, you may and have to pay a fine.
	can access your money at the ATM	You may have to pay a monthly for the card
	You can buy things before you have all of the purchase price.	You may have to pay a yearly for the card.
CREDIT CARD – When this card is used, the card owner is	If someone your card, you're only responsible for part of	You pay on the unpaid balance.
money from the credit card company and will receive a they must repay.	the purchases they make. It's a way to pay for	Because of interest, you may pay for items.
	Used responsibly, it can help build	Late fees will apply if the is not made on time.
	a credit history. WORD BANK:	10.000.0000

		WORD BANK:		
BANK	CHECKBOOK	INTEREST	MONEY	SAFE
BILL	EMERGENCY	MINIMUM	PIN	SAVED
BORROWING	FEE	PAYMENT	PIN	STEALS
CASH	FEE	MORE	POSITIVE	WITHDRAWN

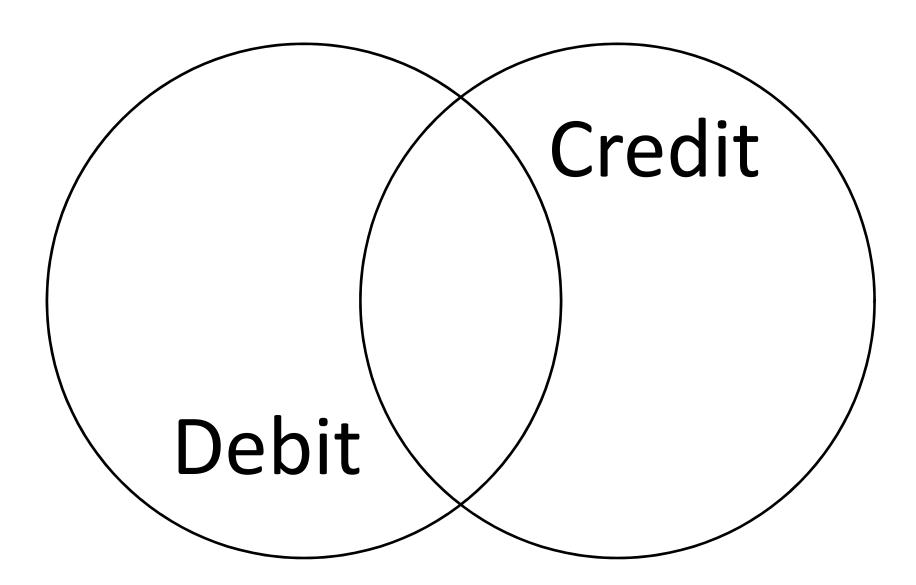
Cards for Venn Diagram Sort (Cut apart)

Money is withdrawn directly from checking or savings account	The balance related to this card is how much money you have	If the card is lost or stolen, report it immediately	Each purchase is a loan that is repaid later
Consumers can purchase items now and pay for them later.	A PIN (Personal Idenification Number) is required	Card can be used to purchase goods or service	The balance related to this card is how much money you owe.
Small, hard, plastic card	Interest is charged if balance is not paid each month	Fees may be charged.	If you spend more than the balance in your account, you will pay a hefty fee

Cards for Venn Diagram Sort (Cut apart)

Money is withdrawn directly from checking or savings account	The balance related to this card is how much money you have	If the card is lost or stolen, report it immediately	Each purchase is a loan that is repaid later
Consumers can purchase items now and pay for them later.	A PIN (Personal Idenification Number) is required	Card can be used to purchase goods or service	The balance related to this card is how much money you owe.
Small, hard, plastic card	Interest is charged if balance is not paid each month	Fees may be charged.	If you spend more than the balance in your account, you will pay a hefty fee

Venn Diagram: Cut out the statements and glue into the appropriate place on the diagram: debit, credit, or both



Name: Date:

Debit or Credit? Independent Practice

Period:

Write *Credit, Debit,* or *Both* to tell which type of card the situation is using.

	Diego doesn't carry cash, so he pays for lunch using his card. Each time he uses this card, his checking account decreases.	
2.	Brandi took her two best friends out to eat. She handed the waitress a card to purchase the meal. This charge appeared on a bill she received three weeks later.	
3.	Russell's gas pump went out as he was driving his car to work. Since he did not have enough money to cover the cost to replace the pump today, he used the card that allowed him to pay later.	
4.	David purchased a movie ticket with his card. The money came straight out of his checking account.	
5.	Chelsea lost her card so she reported it stolen immediately.	
6.	One month, Estefany got the bill for her card and noticed there was interest added because she didn't pay it in full last month.	
7.	Andres used his PIN (Personal Identification Number) to make a purchase at the grocery store.	
8.	Allyssa loves her card because it is convenient to use.	
9.	Jack was charged a hefty fee because he spent more than he had in his bank account.	
10.	Tomas used his card to buy a gift for Mother's Day, and it didn't decrease the amount in his bank account.	

Name:	Date:	Period:

Credit or Debit, What Would You Do? Recording Sheet

Answer the questions for each station. Show your mathematical justification when necessary.

Station Name: Mr. Tyson	Station Name: Nancy
Summarize important information:	Summarize important information:
What is the effect if they use a credit card?	What is the effect if they use a credit card?
If they use their credit card, can they pay off their purchase in the time allotted with only the minimum payment? If not, how much do they need to pay each month?	If they use their credit card, can they pay off their purchase in the time allotted with only the minimum payment? If not, how much do they need to pay each month?
What is the effect if they use their debit card?	What is the effect if they use their debit card?
How much money would they have left in their account?	How much money would they have left in their account?
Would they have to pay an overdraft fee?	Would they have to pay an overdraft fee?
What would you do in this scenario? Why?	What would you do in this scenario? Why?

Station Name: Carmen	Station Name: Talia
Summarize important information:	Summarize important information:
What is the effect if they use a credit card?	What is the effect if they use a credit card?
What is the effect if they use their debit card?	What is the effect if they use their debit card?
what is the effect if they use their debit card:	what is the effect if they use their debit card:
How much money would they have left in their account?	How much money would they have left in their account?
, ,	, , , , , , , , , , , , , , , , , , ,
Would they have to pay an overdraft fee?	Would they have to pay an overdraft fee?
What would you do in this scenario? Why?	What would you do in this scenario? Why?

Name:

Date:

Period:

Was this activity helpful for you? What are your personal thoughts on using credit and debit? What have you learned so far?

Possible Station scenarios for What Would You Do Stations

Mr. Tyson will purchase a riding lawnmower that costs \$1,350.

The store offers no interest if he uses the store credit card and the balance is paid in full within one year.

The minimum payment per month is \$90.

He has \$1,500 in his checking account.

Carmen will pay for an annual gym membership that costs \$420.

She has \$152.25 in her checking account.

If she pays for the membership monthly, the cost is \$45 per month.

Nancy has to purchase a new refrigerator. If she uses the store credit card, she will pay no interest if the balance is paid within 6 months.

The fridge costs \$1,100.

The minimum payment on the credit card is \$65.

She has \$1,450 in her checking account.

Talia must pay a fee to enter a Frisbee competition.

The fee is \$50.

She has \$110.50 in her checking account.

Performance Name:	Task	Date:	Period:
Ç.,	Create Your Financial Destiny	sult Ossar Wildo	
Su	ccess is a science. If you have the conditions, you get the re	suit. – Oscar vviide	

You are going to simulate your future finances! Choose an occupation (you may have already done this earlier this week). Use this monthly salary as an initial account balance.
Occupation:
Monthly Salary:
Pay your bills! Choose from the list below, circle your choices. Don't leave out any necessities! For items
that have a range, consult your teacher or the internet.
Rent \$500-\$800
Cable/Internet \$129
Internet Only \$45
Cell phone \$80
Water \$35
Electricity \$75
Gym Membership \$50
Groceries \$35/week
Gas \$20/week
Netflix \$9
HuluPlus \$9
Car Payment \$325-\$550
Student Loans (if your occupation requires a degree) \$400-\$800
Going to the movies \$30/month
Lawn Service \$80
Pet Costs \$35/pet
Is there anything else you can think of? Include it:

Fill out a Check Register with your bills, showing your balance along the way! Initial Balance:

Date	Transaction	Withdrawal	Deposit	Balance

Continue on separate sheet of paper if you run out of room.

Why did you choose the items you did?

Performance Task

What does the effect card say? _____

What choice do you make? _____

What does the effect card say? _____

Event Three:

Why do you think this happened? How do you feel about this result?

Why do you think you made that choice? What do you think will happen next?

Why do you think this happened? How do you feel about this result?

Name:	Date:	Period:
When you are ready, get your three life events from the teacher. These even can be good or bad! Choose from the given options and explain why you cho the corresponding event's effect. Analyze that effect and how you would fee	se your answer. Tl	nen you can get
Event One:		
What choice do you make?		
Why do you think you made that choice? What do you think will happen	next?	
What does the effect card say?		
Why do you think this happened? How do you feel about this result?		
Event Two:		
What choice do you make?		
Why do you think you made that choice? What do you think will happen	next?	

D	c			T1.
Per	τor	mai	nce	Task

Congratulations! You survived a month of real life financial situations!

How much money do you have left at the end of the month? _____

Find the percentage of monthly income you have left:

$$\frac{amount\ you\ have\ left}{monthly\ income} = \frac{x}{100}$$

Put your percentage up on the board with your fellow students to compare how we did.

With your remaining balance, you might be able to purchase some luxury items, necessary supplies, contribute more to your savings account, or pay off a credit card.

Project Rubric:

	Beginning-1	Approaching-2	Meeting-3	Exceeding - 4
Correctly	Did not correctly	Partially	Mostly	All withdrawals
Identify	identify	identified	identified	and deposits
Withdrawals	withdrawals and	withdrawals and	withdrawals and	identified
and Deposits	deposits	deposits	deposits	correctly
		correctly	correctly	
Performing	Did not correctly	Partially perform	Mostly perform	All mathematical
correct	perform	mathematical	mathematical	operations
mathematical	mathematical	operations	operations	performed
operations (X2)	operations	correctly (half)	correctly (few	correctly.
			errors)	
Justifying	Did not attempt	Attempted to	Justified most	Gave good
monetary	to justify	justify monetary	monetary	justification for
decisions (X3)	monetary	decisions.	decisions	all monetary
	decisions	However, the	reasonably.	decisions
		justification is		
		misled.		
Analyzing the	Did not attempt	Attempted to	Analyzed the	Analyzed effect
effect of your	to analyze effect	analyze effect of	effect of choices	of choices
choices (X2)	of choices on	choice on	on financial	logically AND
	financial well-	financial well-	well-being using	reflects what
	being	being, though	logical	they could have
		responses do	consequences.	done differently
		not show logical		to improve the
		consequences		outcome.