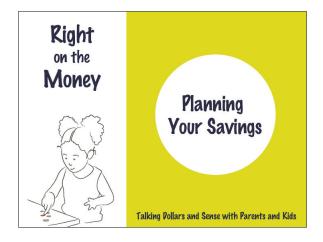
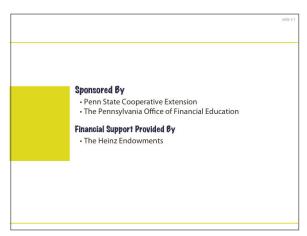
#### Lesson 3 Presentation

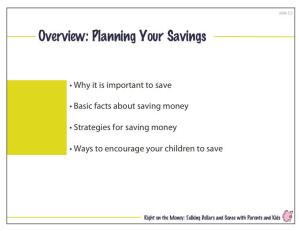




slide 3.1



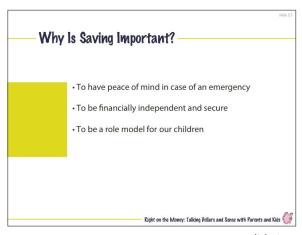
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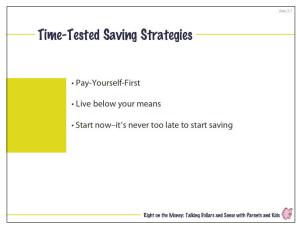


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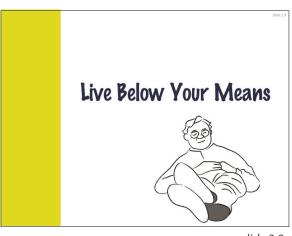




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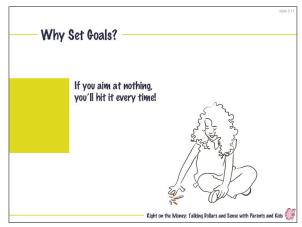




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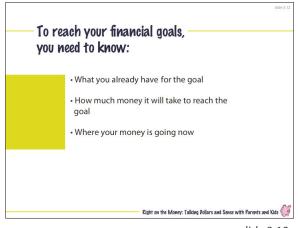
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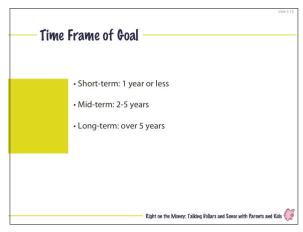




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slide 3.11





slide 3.12

slide 3.13



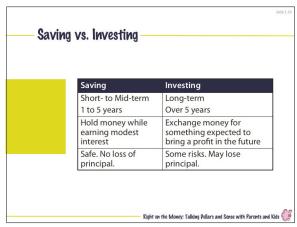
SMART Goals

Not a SMART goal
- I want a car.

SMART goal
- In three years I would like to buy a used
Toyota or Honda van that costs \$18,000
or less.

slide 3.14

slide 3.15



Vocabulary of Saving

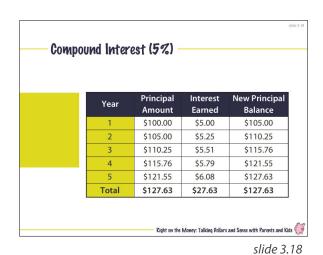
Financial Basics
Interest
Compounding
Yield

Right on the Money: Talking Pollars and Sonse with Parents and Kids

slide 3.16

slide 3.17





The higher the interest rate, the more money you earn.

The longer the time period, the more money you earn.

The more frequent the compounding period, the more money you earn.

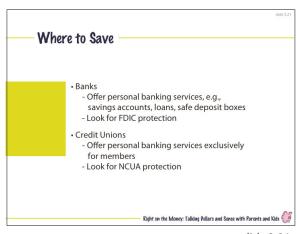
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Time Value of Money

Saving small amounts today can add up to a significant amount over the years.

Right on the Money: Talking Pollars and Sense with Parents and Kids

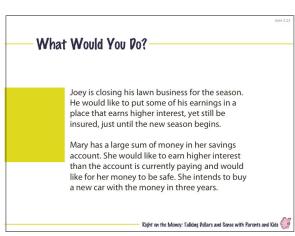
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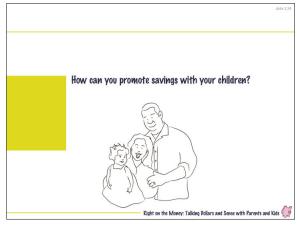
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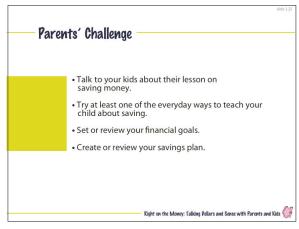


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slide 3.24

slide 3.25



#### Handout 3.1 Tips to Save Money -

O What can your family do to save money? The following tips are ways to help you better meet family needs, build up your emergency fund or save toward family goals. Place a check ( $\sqrt{}$ ) beside what you are doing now and the changes you might try.

Do Now	Will Try	Food
		Eliminate waste. If you are throwing away food regularly, buy and cook less food and serve smaller portions. Food in the trash equals money in the trash.
		Plan no meat meals a couple times a week.
		Check weekly sales at the grocery stores and use coupons for things you normally buy. Kids can cut them from the papers and magazines.
		Use a shopping list for groceries. Avoid items not on the list.
		Limit the purchase of prepared foods at the grocery store.
		Eat out less. Set a budget for eating out and stick to it. Look for restaurants where kids eat free.
		Take lunch to work with you instead of dining out. Ask about reduced cost or free lunches for kids at school.
		Limit high-cost, low-nutrition snack foods, soft drinks, and candy.
		Clothing
		Find and join a hand-me-down network. Look for families in similar life stages to swap or loan items (e.g., baby items, maternity clothes).
		Shop garage sales and thrift shops for clothing and household items. Offer a lower price if the item is more than you want to pay.
		Look for half price sales at Salvation Army, Goodwill, or thrift shops.
		Postpone buying clothing and shoes that you need until they are on sale.
		Shop during post-season sales.
		Buy washable clothing or use home dry cleaning kits.
		Take care of clothing by hanging up garments and treating stains promptly.  Make minor repairs such as sewing on buttons.



Do Now	Will Try	
		Energy Costs
		Change the furnace filter every 4 to 6 weeks. Put reminder notes or stickers on your calendar so you don't forget.
		Put plastic over windows in winter and use weather stripping and caulking to reduce air leaks.
		Reduce drafts where possible, such as placing rolled up towels along the bottom of doors.
		Close blinds and pull shades to keep out heat and cold.
		Use fans instead of (or along with) air conditioners, since circulating air feels cooler.
		Don't waste energy on an empty house. Turn thermostat down during winter or up during the summer when no one is home.
		Install a programmable thermostat.
		Turn water heater down to 120 degrees and keep hot water usage to a minimum.
		Wash clothing only when you have a full load. Use cold water when appropriate. Also, hang clothing to dry on hangers or outside when possible instead of using the clothes dryer.
		Turn water off when brushing teeth.
		Fix leaky faucets.
		Turn off TV, lights and computer screens when not in use.
		Fun
		Plan "family fun nights" at home a couple times a month and play games, watch videos and make popcorn.
		Attend free events, such as fairs and festivals.
		Look for low cost ways to exercise (like riding a bike or taking the stairs).
		Plan visits to museums and other historic places in the area.
		Pack a lunch and go to the park to play.
		Use the library and community organizations to borrow books and videos.



Do Now	Will Try	
		Shopping and Personal
		Cut back on unnecessary buying. Before buying, ask yourself, "Do I need this item?" and take a day to think about it if you have to buy it at full price.
		Avoid impulse items at the checkout stands (e.g., candy, magazines).
		Watch out for great sales such as "66% off." If you don't need the item or can't afford it, don't buy it. Think about what it costs, not just what you save.
		Make a shopping list so you don't have to make repeat trips for one or two items and waste gas.
		Look for service stations with the lowest gas prices.
		Change the oil in your car on a regular schedule.
		Ask several friends to recommend a good auto mechanic in case you need one. Always get a written estimate of repair costs.
		Sign up only for basic phone service or look for bundled phone plans with features you will use. Check prices yearly for changes.
		Check phone cards for lowest cost per minute. Use phone cards for long distance calls.
		Cut down or eliminate tobacco and alcohol use.
		Buy personal items such as shampoo and makeup at discount stores. Look for low cost brands or sales.
		Limit the number of household cleaning products you purchase by using multi-purpose products.
		Measure laundry detergents so you don't overuse products.
		Don't shop in convenience stores for personal or home items, as prices are generally much higher.
		If you shop for pleasure or to kill time, leave your money, checkbook and credit cards at home.

Do Now	Will Try	
		Shopping and Personal
		Set and stick to spending limits for gifts and holidays.
		Don't buy items on credit that will be used up before you get the bill.
		Use a debit card instead of credit card.
		Keep credit cards wrapped in a 5" $\times$ 7" index card and keep a running total of charges and dates of purchases.
		Saving and Other Money Matters
		Make savings a fixed "expense" (pay yourself first).
		Use direct deposit for paychecks if possible.
		Use automatic transfers from checking into savings.
		Add all or part of any raises to your savings.
		Increase your income. Get a part-time job doing something you love.
		Pay bills on time and avoid late charges.
		Pay credit card bills in full and by the due date to avoid paying interest.
		Compare bank services to get free or low-cost banking.
		Find a place to cash checks that charges no fee or only a small fee.
		Avoid payday loans, if possible, but if you must use one, ask for the fees and terms before signing.
		Around the House and Neighborhood
		Do it yourself. Tackle home projects within your skills that you would normally pay someone to do (yard work, painting, small plumbing jobs, etc.).
		Buy or share seldom-used equipment with neighbors (e.g., snow blowers, adjustable ladders), thus splitting the product and cost.
		Schedule services with neighbors at the same time and bargain to lower the fee (e.g., carpets cleaned, driveways sealed, window washing).
		Swap services or skills (e.g., babysitting, plumbing, painting).

## Handout 3.2 Financial Goal - Setting Example

O Date Prepared: 01/01/2008

FAMILY GOALS	Amount Needed	Date Needed	Start Date	Months to Goal	Monthly Amount*
Short-Term (1 year or less)					
Pay off loan for clothes dryer	\$400	12/2008	01/2008	12	\$34
Mid-Term (2-5 years)					
Family vacation to Disney	\$4,000	06/2013	05/2010	36	\$112
Lang Tawa (Filmana)					
Long-Term (5+ years)					
Buy a rental property (down payment)	\$25,000	12/2020	01/2011	120	\$208

<sup>\*</sup> The monthly saving amount is determined by dividing the amount needed by the number of months to goal.



#### Handout 3.3 Financial Goal - Setting Worksheet —

O Date Prepared: \_\_\_\_/\_\_\_\_

FAMILY GOALS	Amount Needed	Date Needed	Start Date	Months to Goal	Monthly Amount*			
Short-Term (1 year or less)	Short-Term (1 year or less)							
Mid-Term (2-5 years)								
Long-Term (5+ years)								

<sup>\*</sup> The monthly saving amount is determined by dividing the amount needed by the number of months to goal.



## Handout 3.4 Impact of Compound Interest on Savings

O Have you ever thought about how much interest you can earn over time by saving money in a bank or credit union? The following chart shows what happens at several different rates to \$100 in an account when it is left in and interest is compounded yearly.

Compound In	Compound Interest Table—\$100 Investment							
YEARS	1%	3%	5%	6%	8%			
1	\$101.00	\$103.00	\$105.00	\$106.00	\$108.00			
2	102.01	106.09	110.25	112.36	116.64			
3	103.03	109.27	115.76	119.10	125.97			
4	104.06	112.55	121.55	126.25	136.05			
5	105.10	115.93	127.63	133.82	146.93			
6	106.15	119.41	134.01	141.85	158.69			
7	107.21	122.99	140.71	150.36	171.38			
8	108.29	126.68	147.75	159.38	185.09			
9	109.37	130.48	155.13	168.95	199.90			
10	110.46	134.39	162.89	179.08	215.89			
11	111.57	138.42	171.03	189.83	233.16			
12	112.68	142.58	179.59	201.22	251.82			
13	113.81	146.85	188.57	213.29	271.96			
14	114.95	151.26	197.99	226.09	293.72			
15	116.10	155.80	207.89	239.66	317.22			
16	117.26	160.47	218.29	254.04	342.59			
17	118.43	165.28	229.20	269.28	370.00			
18	119.61	170.24	240.66	285.43	399.60			
19	120.81	175.35	252.70	302.56	431.57			
20	122.02	180.61	265.33	320.71	466.10			
Total Increase	\$22.02	\$80.61	\$165.33	\$220.71	\$366.10			



## Handout 3.5 Impact of Time on the Value of Money -

EXAMPLE A					
You - Sa	ved Early	Your Brother - V	Vaited to Save		
Age	Amount Invested	Age	Amount Invested		
30	\$2,000	30	-		
31	\$2,000	31	-		
32	\$2,000	32	-		
33	\$2,000	33	-		
34	\$2,000	34	-		
35	\$2,000	35	-		
36	\$2,000	36	-		
37	\$2,000	37	-		
38	\$2,000	38	-		
39	\$2,000	39	-		
-	-	40	\$2,000		
-	-	41	\$2,000		
-	-	42	\$2,000		
-	-	43	\$2,000		
-	-	44	\$2,000		
-	-	45	\$2,000		
-	-	46	\$2,000		
-	-	47	\$2,000		
-	-	48	\$2,000		
-	-	49	\$2,000		
-	-	50	\$2,000		
-	-	51	\$2,000		
-	-	52	\$2,000		
-	-	53	\$2,000		
-	-	54	\$2,000		
-	-	55	\$2,000		
-	-	56	\$2,000		
-	-	57	\$2,000		
-	-	58	\$2,000		
-	-	59	\$2,000		
-	-	60	\$2,000		
-	-	61	\$2,000		
-	-	62	\$2,000		
-	-	63	\$2,000		
-	-	64	\$2,000		
Total Investment	\$ 20,000	Total Investment	\$ 50,000		
At age 65	\$149, 970	At age 65	\$126,498		

**Note**: Example A assumes a 7% annual rate of return and investment made at the END of each year.





	EXAM	MPLE B		
Your Child	– Saved Early	Your Nephew – Waited to Save		
Age	Amount Invested	Age	Amount Invested	
18	\$2,000	18	-	
19	\$2,000	19	-	
20	\$2,000	20	_	
21	\$2,000	21	_	
22	\$2,000	22	_	
23	\$2,000	23	_	
24	\$2,000	24	_	
25	\$2,000	25	-	
26	\$2,000	26	_	
27	\$2,000	27	_	
-	-	28	\$2,000	
-	-	29	\$2,000	
-	_	30	\$2,000	
		31	\$2,000	
_	<u> </u>	32	\$2,000	
	_	33	\$2,000	
	_	34	\$2,000	
	_	35	\$2,000	
	-	36	\$2,000	
<u> </u>		37	\$2,000	
		38	\$2,000	
		39	\$2,000	
		40	\$2,000	
<u> </u>		40   41	\$2,000	
	-	41 42		
-	-	42	\$2,000	
-	-		\$2,000	
-	-	44	\$2,000	
-	-	45	\$2,000	
	-	46	\$2,000	
	-	47	\$2,000	
	-	48	\$2,000	
	-	49	\$2,000	
-	-	50	\$2,000	
	-	51	\$2,000	
	-	52	\$2,000	
	-	53	\$2,000	
-	-	54	\$2,000	
	-	55	\$2,000	
	-	56	\$2,000	
	-	57	\$2,000	
	_	58	\$2,000	
	-	59	\$2,000	
_	-	60	\$2,000	
-	-	61	\$2,000	
	-	62	\$2,000	
-	-	63	\$2,000	
-	-	64	\$2,000	
Total Investment	\$ 20,000	Total Investment	\$ 74,000	
At age 65	\$337,763	At age 65	\$320,674	

**Note**: Example B assumes a 7% annual rate of return and investment made at the END of each year.





## **EXAMPLE A**Remember:

"Time is money."
 Let time and your money work for you.
 Waiting costs more than the savings itself.

In this example, if you continued to invest \$2,000 per year until age 65, assuming an average annual rate of return of 7%, you would have \$276,473.

Saving \$2,000 per year can be achieved by saving \$164 per month.

## **EXAMPLE B**Remember:

O Encourage your children to save early and save often.

In this example, if your child continued to invest \$2,000 per year until age 65, assuming an average annual rate of return of 7%, he/she would have \$658,449.







## Handout 3.6 Characteristics of Savings Products -

Savings Products	Characteristics
Savings Accounts  FDI  Worksorgs Monthly must be 190,000  NCUA  NICUA  N	<ul> <li>Low rate of return.</li> <li>Easy access to money.</li> <li>Simplest way to save.</li> <li>May require a minimum balance to open or maintain the account.</li> <li>May be protected by the FDIC (Federal Deposit Insurance Corporation) or the NCUA (National Credit Union Administration), which provides government insurance up to \$100,000 per account.</li> </ul>
Money Market Deposit Accounts	<ul> <li>May be protected by the FDIC (ask to be certain).</li> <li>Usually higher interest rates than other types of savings accounts.</li> <li>Minimum balance requirements.</li> <li>Easy access to money through a limited number of checks.</li> </ul>
Certificates of Deposit (CDs)	<ul> <li>May be protected by the FDIC (ask to be certain).</li> <li>Timed deposits. (You choose the length of time to leave your money in the account.)</li> <li>Penalty if withdrawn prior to maturity date.</li> <li>Usually a higher rate of return than other forms of savings.</li> </ul>
Savings Bonds	<ul> <li>Government issued, but available through banks.</li> <li>Usually free from state and local taxes.</li> <li>Risk free; backed by the federal government.</li> <li>Nontransferable.</li> <li>For more information go to www.treasurydirect.gov.</li> </ul>



# Handout 3.7 Everyday Ways to Teach Kids about Saving Money-

- Talk about your savings program, how you save or invest.
- Give children a piggy bank to save money in. Use a clear piggy bank so children can see the money accumulate.
- Consider dividing money into three banks: Save, Spend and Share.
- Decide what percentage should be saved from all money the children receive from earnings, allowances, and gifts. Take that percentage off first before any of the money is spent.
- Open a savings account for your child as soon as possible. Some banks and credit unions offer incentives to children when they save or deposit money for good grades.
- Make routine (e.g., once a month) trips to the bank to make deposits in a savings account.
- Let the child handle the money, passbook, etc. Help them as needed.
- Put your change in one location at home. Take it to the bank periodically.
- Talk about items you want to buy but cannot afford right now. Set a family savings goal.
   Post your progress in a visible location in the home as a reminder. A thermometer similar to the one used by non-profit agencies to let communities know of their fundraising progress might work in your home.
- Save and encourage children to save for special occasions and holidays.
- Match what they save, dollar for dollar. If they save \$5.00, give them an additional \$5.00 to save. (This is a sort of parental version of a 401(k) account for kids.)

#### Reminders for Parents

- Be consistent with the way you handle money and in the things you teach your children about managing money.
- Gradually give children more responsibility with handling money as they get older and you determine they are ready for more responsibility.
- Let children spend their money for items they want. Sometimes the child may decide the wanted item is not a priority and choose not to spend.



#### Handout 3.8 Conversation Starters - Saving Money

- Ask your child to help him/her reflect on or recall what they did during their lesson. Also talk with your child about spending money. Can't think of what to say? Consider these questions:
  - 1. Did you save money when you were a child? What did you buy with the saved money?
  - 2. How old were you when you got your first savings account at a bank? Did you have a passbook? How often did you deposit money in the bank? Who helped you open the account? Is that bank still open today?
  - 3. Do we have a savings account at a bank? How does money get deposited into the account? Could you take me to the bank with you the next time you make a deposit?
  - 4. What are some ways your parents encouraged you to save money when you were a child?
  - 5. Did your parents have any sayings about saving money that they repeated? If so, what were they?

#### As a fun alternative

O Cut out the questions below and place them in a jar (or other container). Then have your child pull one of the questions from the jar. Read the question and answer it, trying to initiate a short conversation that expands on the question.

Did you save money when you were a child? What did you buy with the saved money?	How old were you when you got your first savings account at a bank? Did you have a passbook? How often did you deposit money in the bank? Who helped you open
Do we have a savings assount at a hank?	the account? Is that bank still open today?
Do we have a savings account at a bank? How does money get deposited into the account? Could you take me to the bank with you the next time you make a deposit?	What are some ways your parents encouraged you to save money when you were a child?
Did your parents have any sayings about saving money that they repeated? If so, what were they?	



#### Handout 3.9 Conversation Starters - Pigs Will Be Pigs

- O Use the following questions about *Pigs Will Be Pigs* to start a conversation with your child about saving money.
  - For child: What do you think about the story Pigs Will Be Pigs?
  - For child: What do you think the pigs thought about when they returned home from the restaurant and saw the mess in their home they made by looking for money?
  - For parent: How much money do you think we would find in our house if we had a "hunt for money" like the pigs? What should we do with any money that we find in our house?
  - For parent: How much money in change do you think we would collect if our family put any change we had from our purse or wallet into a jar at the end of a day, a week, or a month? Can we try that and see who gets the closest to guessing the correct amount? Will you help me decorate a container to collect the change?
  - For child: The pigs found pennies, nickels, dimes, quarters, and paper money. What do those coins and bills look like and what can you buy with them?
  - For parent: Do you have a \$2 bill or a fifty-cent piece? Can we ask to see some at a bank sometime if you do not have any?

#### As a fun alternative

O Cut out the questions below and place them in a jar (or other container). Then have your child pull one of the questions from the jar. Read the question and answer it, trying to initiate a short conversation that expands on the question. If the question is for your child, have them answer the question.

What do you think about the story *Pigs Will Be Pigs?* 

The pigs found pennies, nickels, dimes, quarters, and paper money. What do those coins and bills look like and what can you buy with them?

How much money in change do you think we would collect if our family put any change we had from our purse or wallet into a jar at the end of a day, a week, or a month? Can we try that and see who gets the closest to guessing the correct amount? Will you help me decorate a container to collect the change?

How much money do you think we would find in our house if we had a "hunt for money" like the pigs? What should we do with any money that we find in our house?

What do you think the pigs thought about when they returned home from the restaurant and saw the mess in their home they made by looking for money?

Do you have a \$2 bill or a fifty-cent piece? Can we ask to see some at a bank sometime if you do not have any?



#### Handout 3.10 Lesson Evaluation - Planning Your Savings

O Circle the appropriate number to indicate your level of knowledge of the following topics **BEFORE** the session and **AFTER** the session.

Lesson Evaluation	Before the Session				After the Session			
	Very Little	Some	Quite a Bit	A Lot	Very Little	Some	Quite a Bit	A Lot
Ways (or tips) to save money.	1	2	3	4	1	2	3	4
The concept of pay yourself first.	1	2	3	4	1	2	3	4
Time value of money.	1	2	3	4	1	2	3	4
Savings vehicles.	1	2	3	4	1	2	3	4
Ways to encourage your child to save.	1	2	3	4	1	2	3	4

	As a result of this program, please indicate any actions you have already taken to teach your child about money.
	I have talked to my child about money. Yes No
	I have tried one of the everyday ways to teach my child about money. Yes No
	Other:
2. A	As a result of this session, to what extent do you feel better able to save money?
	Very Little Some Quite a Bit A Lot
3. D	Do you plan to use any strategies presented to help you start or modify a savings plan?
	No Maybe Yes
	If yes, what do you plan to use?
4. H	How likely are you to share the information discussed today with others?
	Unlikely Somewhat Unlikely Somewhat Likely Very Likely
5. C	Comments or suggestions:
	(Optional) Name E-mail

