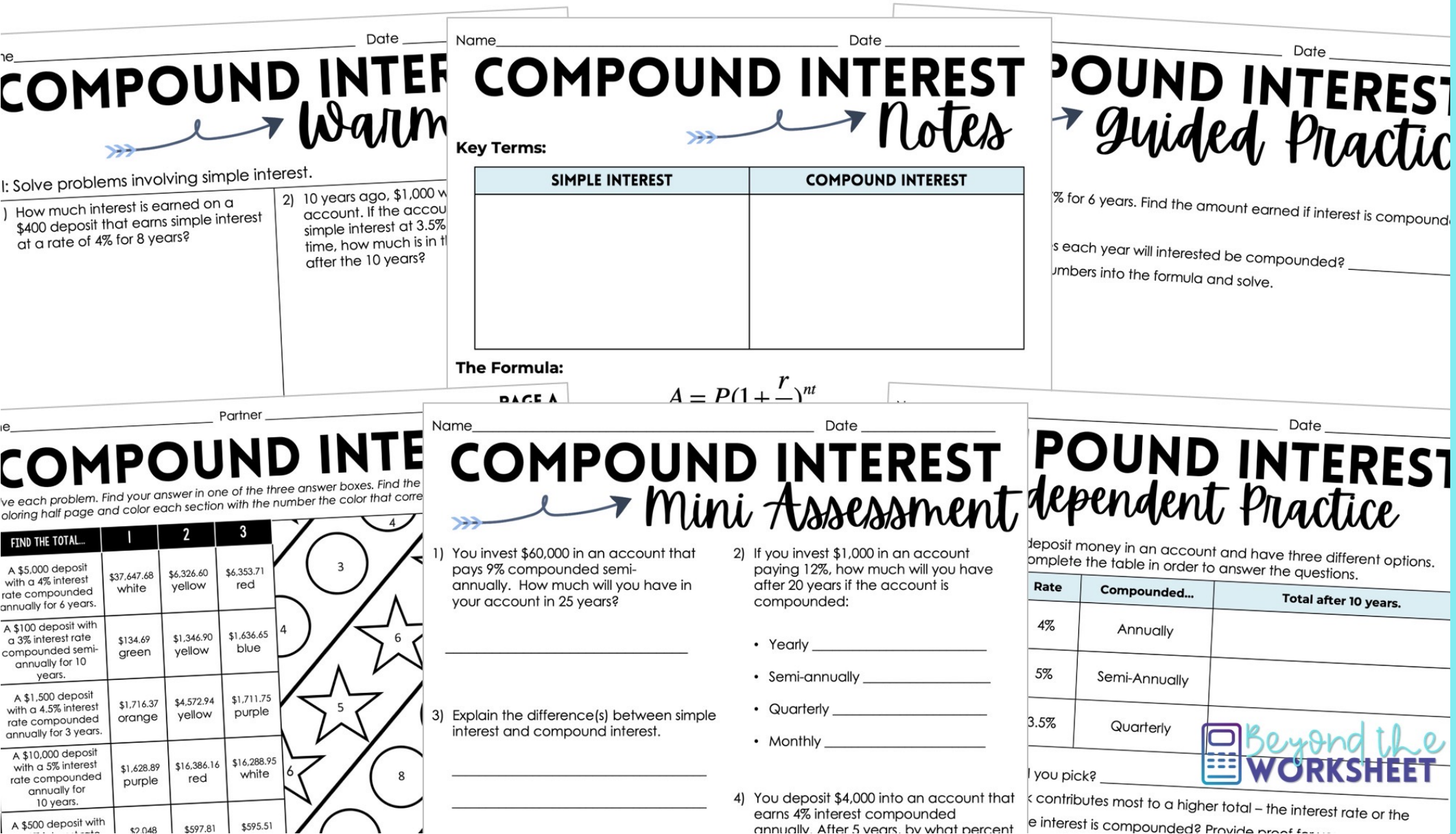
COMPOUND INTEREST Mini Lesson



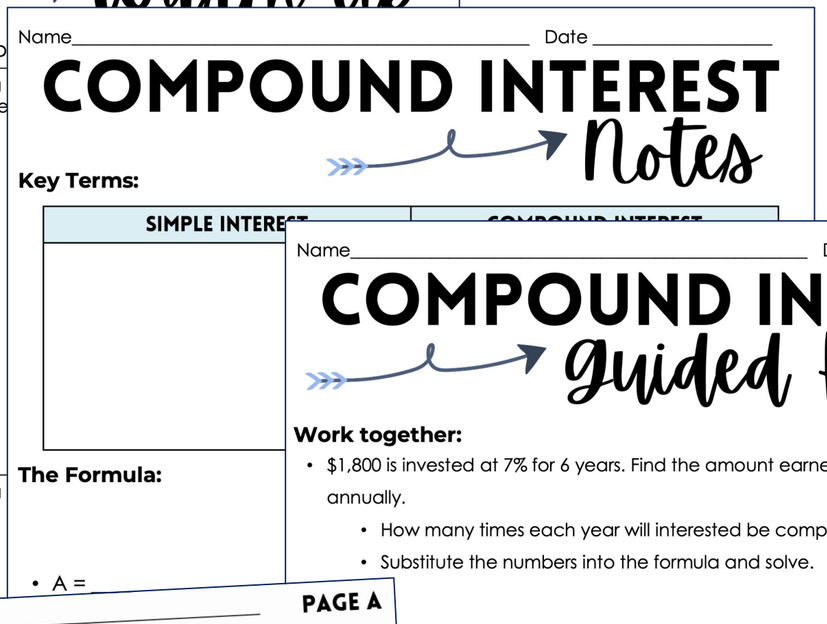
ELEVATE YOUR TEACHING WITH THIS COMPREHENSIVE TWO-DAY COMPOUND INTEREST MINI-LESSON BUNDLE, DESIGNED TO REINFORCE KEY CONCEPTS AND SKILLS IN COMPOUND INTEREST CALCULATION.

learn more!

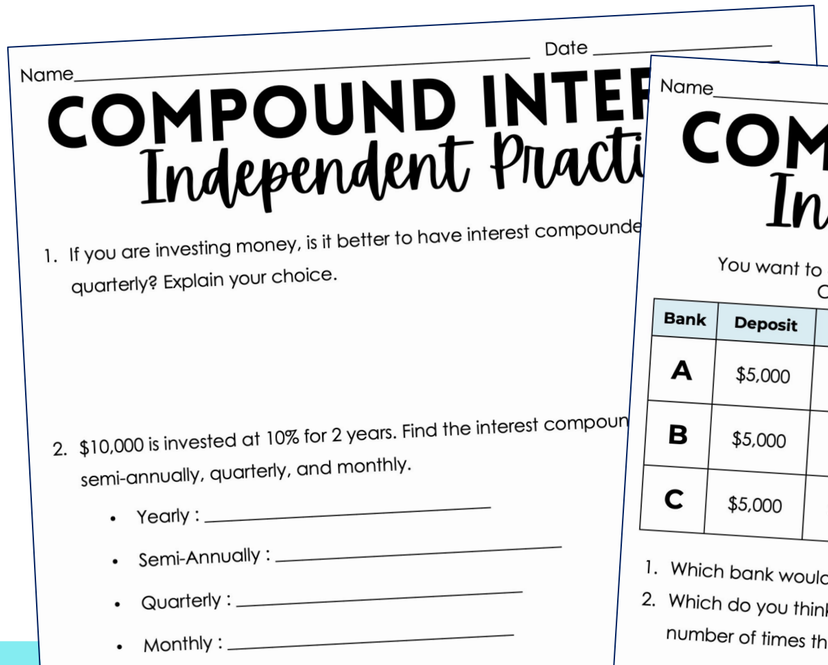
What's Included:

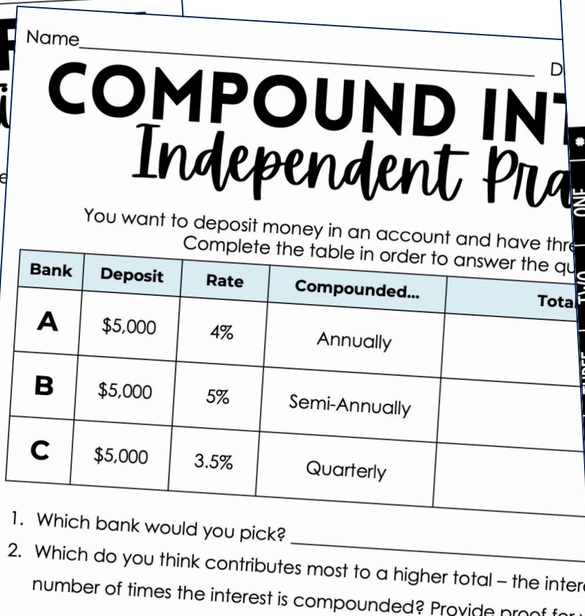
- Two warm-up activities.
- Detailed compound interest notes.
- Guided practice exercises to reinforce learning.
- Independent practice worksheets (2 pages.
- Fun and interactive compound interest pairs check coloring activity.
- Mini-assessment.


Name_____ Date _____ #1
COMPOUND INTEREST
Warm Up
Skill: Solve problems involving simp
1) How much interest is earned on a $400 deposit that earns simple inte at a rate of 4% for 8 years?
3) How much interest is earned on a $20,000 deposit that earns simple interest at 2% for 30 years?


Name_____ Date _____
COMPOUND INTEREST
Notes
Key Terms:
SIMPLE INTERE
The Formula:
• A =

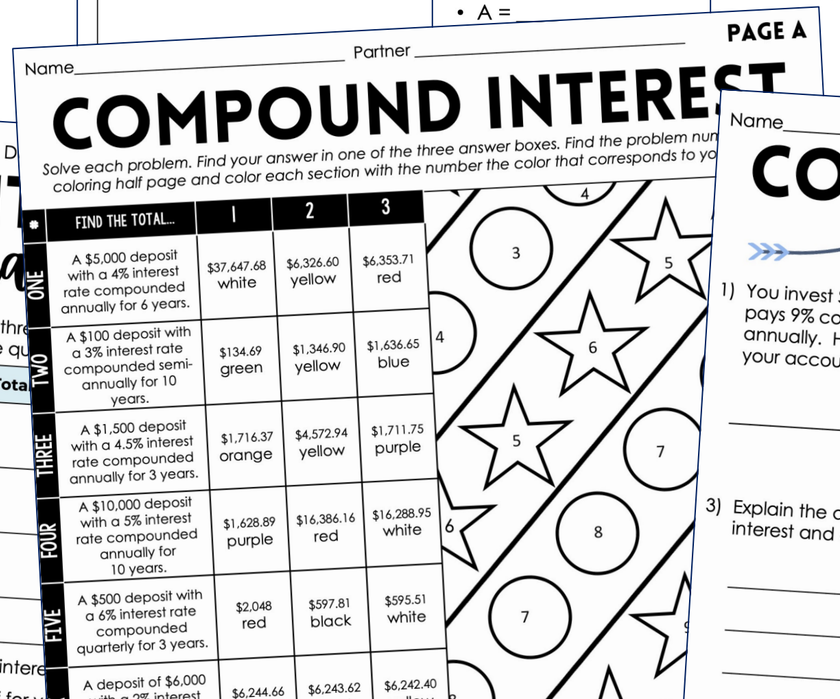
Name_____ Date _____
COMPOUND INTER
Guided Prac
Work together:
• $1,800 is invested at 7% for 6 years. Find the amount earned if interest is annually.
• How many times each year will interested be compounded? ___
• Substitute the numbers into the formula and solve.


Name_____ Date _____
COMPOUND INTER
Independent Practi
1. If you are investing money, is it better to have interest compounde quarterly? Explain your choice.
2. $10,000 is invested at 10% for 2 years. Find the interest compoun semi-annually, quarterly, and monthly.
• Yearly : _____
• Semi-Annually : _____
• Quarterly : _____
• Monthly : _____

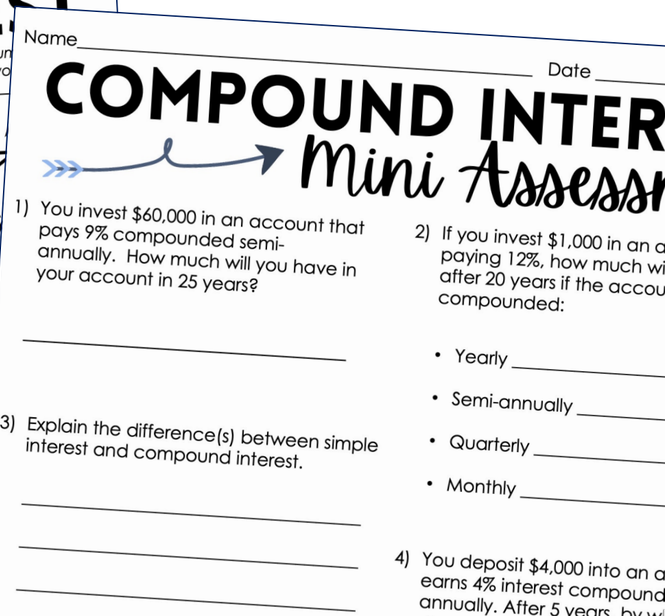

Name_____ D
COMPOUND IN
Independent Pra
You want to deposit money in an account and have thr
Complete the table in order to answer the qu

Bank	Deposit	Rate	Compounded...	Tota
A	$5,000	4%	Annually	
B	$5,000	5%	Semi-Annually	
C	$5,000	3.5%	Quarterly	

1. Which bank would you pick? _____
2. Which do you think contributes most to a higher total – the intere number of times the interest is compounded? Provide proof for


Name_____ Partner _____ PAGE A
COMPOUND INTERE
Solve each problem. Find your answer in one of the three answer boxes. Find the problem nu
coloring half page and color each section with the number the color that corresponds to yo

	FIND THE TOTAL...	1	2	3
ONE	A $5,000 deposit with a 4% interest rate compounded annually for 6 years.	$37,647.68 white	$6,326.60 yellow	$6,353.71 red
TWO	A $100 deposit with a 3% interest rate compounded semi-annually for 10 years.	$134.69 green	$1,346.90 yellow	$1,636.65 blue
THREE	A $1,500 deposit with a 4.5% interest rate compounded annually for 3 years.	$1,716.37 orange	$4,572.94 yellow	$1,711.75 purple
FOUR	A $10,000 deposit with a 5% interest rate compounded annually for 10 years.	$1,628.89 purple	$16,386.16 red	$16,288.95 white
FIVE	A $500 deposit with a 6% interest rate compounded quarterly for 3 years.	$2,048 red	$597.81 black	$595.51 white
	A deposit of $6,000	$6,244.66	$6,243.62	$6,242.40


Name_____ Date _____
COMPOUND INTER
Mini Assessm
1) You invest $60,000 in an account that pays 9% compounded semi-annually. How much will you have in your account in 25 years?
_____
3) Explain the difference(s) between simple interest and compound interest.
_____
_____
_____
2) If you invest $1,000 in an a paying 12%, how much wi after 20 years if the accou compounded:
• Yearly _____
• Semi-annually _____
• Quarterly _____
• Monthly _____
4) You deposit $4,000 into an a earns 4% interest compound annually. After 5 years, how

Teacher Reviews

This was a great addition to my financial literacy unit with my 8th grade students. The concept was hard for them, but this gave them additional resources and sheets for practice.

Worth every penny! This resource saved me as a new math teacher.

Great resource for simple and compound interest that presents it in a few different ways so the students can come at it from multiple angles.

I'm using it again this year and highly recommend it for a very well planned and teachable lesson with excellent handouts.

This is a wonderful resource! I have used this with my personal finance class.

Let's Connect!