



7-Day Real-World Math Challenge

Turn everyday moments into fun math adventures in just 10-15 minutes a day!



Instructions:

- ✓ Complete one challenge each day.
- ✓ Use real objects whenever possible.
- ✓ Encourage your child to explain their thinking when working on challenges.
- ✓ Celebrate effort rather than perfect answers.

Weekly Challenge Tracker

Day	Theme	✓
Day 1	Shopping Detective	☐
Day 2	Kitchen Math	☐
Day 3	Money Manager	☐
Day 4	Travel Planner	☐
Day 5	Sports Statistician	☐
Day 6	Tech Explorer	☐
Day 7	DIY Builder	☐

Day 1: Shopping Detective

Mission: Go grocery shopping together.
Choose two similar products.

Calculate:

- Which product costs less?
- Which has the lower unit price?
- If one is 20% off, how much do you save?

★ **Bonus:** Estimate the total bill before checkout.

Day 2: Kitchen Math

Mission: Help prepare today's meal.

Practice:

- Measure ingredients.
- Double or halve a recipe.
- Convert cups to tablespoons.

★ **Bonus:** Estimate the total bill before checkout.

Day 3: Money Manager

Mission: Pretend you have \$25 to spend.
Choose three items.

Figure out:

- Total cost
- Money left
- Whether you stayed within budget

★ **Bonus:** Save 20% of your budget before spending.

Day 4: Travel Planner

Mission: You're driving 180 miles.

Calculate:

- Travel time at 60 mph
- Arrival time
- Fuel cost if gas is \$3.50 per gallon

★ **Bonus:** Find a faster route.

Day 5: Sports Statistician

Mission: Watch or play a sport.

Record:

- Points scored
- Average points
- Highest score

★ **Bonus:** Calculate a shooting percentage.

Day 6: Tech Explorer

Mission: Choose a phone or tablet.

Find:

- Storage used
- Storage remaining
- Screen time today

★ **Bonus:** Estimate how long the battery will last.

Day 7: DIY Builder

Mission: Measure a room or piece of furniture.

Calculate:

- Length
- Width
- Perimeter
- Area

★ **Bonus:** Sketch your own room using a simple scale.

Real-World Math Explorer Certificate



Congratulations!

I completed the 7-Day Real-World Math Challenge

Child's Name: _____

Date: _____

Parent/Teacher: _____

My favorite challenge was: _____

One new math skill I practiced: _____

