

Math Adventures: Everyday Numbers

FREE SAMPLE — Days 1 & 2 of 10

Grades: K-3 (ages 5-8) | **Ages:** 5-8

Duration: 2 Weeks | **Pages:** 4 pages

Approach: Secular, hands-on, low-prep

Materials: Common household items only

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Week 1: Numbers All Around Us

Day 1: Counting Is Everywhere

Lesson Focus: Numbers are tools we use every single day — let's find them! **Duration:** 30-45 minutes

Circle Time / Discussion (10 min):

- Prompt: "Where did you see a number today?" (clock, microwave, mailbox, price tag, speed limit sign)
- Key concept: We use numbers to count, measure, label, and organize
- Vocabulary: number, digit, count, quantity, numeral

Activity 1 — Number Hunt (15 min):

- Grab a clipboard (or just paper and pencil)
- Walk through your house or yard for 10 minutes
- Write down or draw every number you spot (clock, remote, oven, shoes, books)
- Goal: Find at least 15 numbers!
- When done, sort your numbers: Which ones LABEL things? Which ones COUNT things? Which ones MEASURE things?

Activity 2 — Build a Number Line (10 min):

- Cut index cards in half (or use sticky notes)
- Write numbers 0–20, one per card
- Lay them out on the floor in order
- Practice: "Show me the number that comes BEFORE 12." "What's two MORE than 7?"
- K-1 version: numbers 0–10
- 2-3 version: numbers 0–50 (by fives, then fill in between)

Materials needed: Paper, pencil, clipboard (optional), index cards or sticky notes, marker

Day 2: Addition — Putting Things Together

Lesson Focus: Addition means combining groups — and we do it all the time **Duration:** 30-45 minutes

Circle Time (10 min):

- Key concept: Addition is putting two groups together to find a total
- Real-life examples: "You have 3 grapes and I give you 4 more. How many do you have now?"
- Vocabulary: addition, sum, total, plus, equals, combine

Activity — Snack Math (15 min):

- Give your child two small bowls and a pile of snack items (crackers, raisins, cereal pieces, grapes)
- Call out addition problems: "Put 5 in the left bowl and 3 in the right bowl"
- Child combines them into one bowl and counts the total
- Write the equation on paper: $5 + 3 = 8$
- K-1: sums to 10
- 2-3: sums to 20, then try three-number addition ($4 + 3 + 2$)
- The best part? They eat the math when you're done!

Activity — Domino Addition (10 min):

- Grab a set of dominoes (or make your own by drawing dots on index cards)
- Flip a domino face-up
- Count the dots on each side, then add them together
- Write the equation: left side + right side = total
- Race: How many domino equations can you solve in 5 minutes?

Materials needed: Small snack items (crackers, raisins, etc.), 2 bowls, dominoes or index cards, pencil, paper

What's in the Full Lesson Plan?

The complete **Math Adventures: Everyday Numbers** includes 8 more hands-on days:

- **Day 3:** Subtraction — Bowling Subtraction & "What's Missing?" game
- **Day 4:** Shapes & Patterns — Shape scavenger hunt & pattern building
- **Day 5:** Measurement — Measure everything in the house + "Does It Hold a Cup?" experiment
- **Day 6:** Place Value — Cup sorting & flip book activities
- **Day 7:** Multiplication — Egg carton arrays & skip counting jumps
- **Day 8:** Fractions — Fraction feast with real food & paper plate fractions
- **Day 9:** Money — Coin sorting, pretend store & coin rubbings
- **Day 10:** Math Market Day — A celebration combining all skills!

Plus:

- 5 Fraction Recipe Cards (real kid-friendly recipes with math moments)
- 7 Recommended Read-Aloud Books
- Grade-level modifications for every activity (K-1 and 2-3)

Get the full lesson plan at homeschoolingexperts.org/shop