

PUZZLE TRAIL

An Adventure in Thinking

90 Logic, Math & Brain-Building Activities for Curious Kids
Ages 6–10

Featuring Nell Quickstep & Otto Byrne

Puzzle Trail: An Adventure in Thinking

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All characters, puzzles, and content in this book are original works created for this publication.

THIS BOOK BELONGS TO:

Name: _____

My favorite kind of puzzle: _____

The day I started my trail: _____

How to Use This Book

Hi there, Trail Explorer!

Welcome to Puzzle Trail. Inside this book, you'll join Nell Quickstep and Otto Byrne as they map a brand-new island — and every puzzle you solve helps fill in the map.

Here's the deal:

- Some puzzles are easy. Some are tricky. That's on purpose!
- It's totally fine to get stuck. Getting stuck is part of thinking.
- There are no bad guesses — only clues you haven't used yet.
- Try things more than one way. If your first idea doesn't work, that's useful information too.
- When you finish a section, you earn a Trail Badge for your Field Journal.

Ready? Grab a pencil. The trail starts now.

Meet the Explorers

Nell Quickstep — Nell loves jumping into a puzzle right away. She's fast, brave, and always ready to try something new. Sometimes she moves so quickly she has to double back and check her work — and that's okay.

Otto Byrne — Otto likes to read every clue twice before he starts. He's careful, patient, and great at noticing small details other people miss. Sometimes he takes a little longer, but he rarely makes a mistake.

Difficulty Guide

★	Easy	A warm-up. Should feel quick and doable.
★★	Thinker	Needs a little more focus.
★★★	Challenging	Multiple steps or clues to track.
★★★★	Brain Boss	The real test — take your time.

Table of Contents

All 10 sections, 80 activities, plus the Final Brain Challenge.

Section 1 — Warm-Up Brain Boosters

#	Activity	Skill	Level
1	Pick the Odd Path	Classification	★
2	Nell's Rule	Rule-Finding	★
3	What Comes Next?	Sequencing	★
4	Otto's Two Clues	Simple Deduction	★
5	Sort the Supplies	Classification	★
6	The Missing Link	Relationships	★★
7	True or Not True?	Logical Statements	★★
8	Trail Twins	Matching	★

Section 2 — Patterns & Sequences

#	Activity	Skill	Level
9	Shape Steps	Shape Pattern	★
10	Number Ladder	Number Pattern	★
11	Symbol Circle	Symbol Pattern	★★
12	Up and Down	Inc/Dec Sequence	★★
13	Double Rule	Multi-Rule Pattern	★★★
14	The Missing Tile	Grid Pattern	★★
15	Skip and Hop	Number Pattern	★
16	Pattern Builder	Multi-Rule Pattern	★★★★

5. Sort the Supplies

Difficulty: ★ | Skill: Classification

Nell and Otto are packing for the trail. Sort each item into "Food" or "Not Food."

Trail mix Compass Apple Flashlight Cheese Rope

Your Answer:

6. The Missing Link

Difficulty: ★★ | Skill: Relationships

These pairs go together in the same way. Figure out the missing word.

Bird is to Nest as Bear is to ____?

Your Answer:

7. True or Not True?

Difficulty: ★★ | Skill: Logical Statements

Read the statement below. Then decide: is the second sentence True, Not True, or Can't Tell — based only on what the first sentence says?

"All of Nell's socks are green. Otto is wearing green socks."

Statement to check: "Otto's socks belong to Nell."

Your Answer:

8. Trail Twins

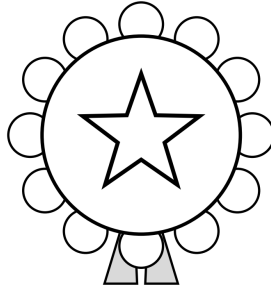
Difficulty: ★ | Skill: Matching

Match each item on the left to its identical twin on the right by drawing a line between them.

Left column: Compass, Boot, Lantern Right column (mixed up): Lantern, Compass, Boot

Your Answer:

TRAIL BADGE EARNED!



You completed Section 1: Warm-Up Brain Boosters

Warm-Up Wanderer

Field Journal Entry

Date earned: _____

My favorite puzzle from this section: _____