



**KidzThinker**

 **FREE STARTER WORKBOOK • ZERO LANGUAGE BARRIER**

# 10-Discipline Starter Sampler

10 kid-tested visual logic warm-ups introducing all 10 cognitive disciplines.  
Built for children ages 3–7 with 100% screen-free focus and zero words.



**Sudoku 4x4**



**Arrow Mazes**



**Sequences**



**Balance Scales**



**Odd-One-Out**



**Silhouettes**



**Coordinates**



**Symmetry**



**Part-to-Whole**



**Logic Circuits**

## **Quick Guide for Parents & Educators**

- **Zero Reading Required:** Every challenge is 100% visual. Pre-readers solve independently.
- **Tactile Learning:** Children can draw, color, or cut out the manipulative tokens on Page 4!
- **Parent Solution Guide:** Full verified solutions are included on Page 5 for instant checking.

Visit [kidzthinker.com](https://kidzthinker.com) for all 52 weekly printable packs!



Warm-Up Logic Challenges #01 to #04

Zero words needed! Look closely at patterns, arrows, and balance.

#01 Safari Sudoku 4x4

Deduce Empty Cells



Rule: No duplicates in any row or col!

I Did It! ⭐⭐⭐⭐

#02 Cosmic Arrow Coding

Find Missing Arrow



Follow arrows from Rocket to Planet!

I Did It! ⭐⭐⭐⭐

#03 Dino Pattern Sequences

Complete the Pattern



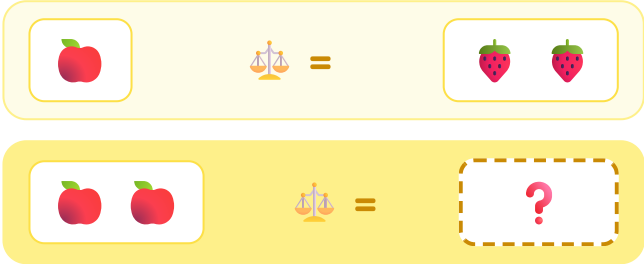
Choose: Brachio or T-Rex ?

Draw or place the missing dino in ?

I Did It! ⭐⭐⭐⭐

#04 Forest Fruit Balance

Weight Equivalence



How many strawberries balance 2 apples? I Did It! ⭐⭐⭐⭐



## Warm-Up Logic Challenges #05 to #08

Spot outliers, match exact shadows, find coordinates, and mirror the grid!

### #05 Ocean Creature Outlier

Attribute Logic



Circle the friend that does NOT belong! I Did It! ☆☆☆

### #06 Jungle Shadow Match

Silhouette Match

Target Friend:



A



B



C



Which shadow A, B, or C is the real monkey?

I Did It! ☆☆☆

### #07 Farmyard Coordinates

Grid Map Reading



Find Coordinate: Column B, Row 2 = ?

Who is hiding at column B, row 2?

I Did It! ☆☆☆

### #08 Veggie Mirror Symmetry

Bilateral Reflection



Color the matching reflection on the right! I Did It! ☆☆☆

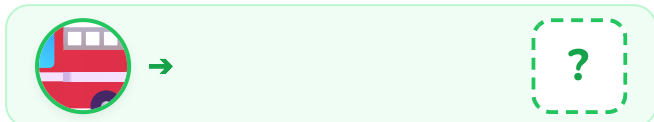


## Warm-Up Logic Challenges #09 & #10 + Cut-Out Tokens ✂

Inspect zoomed details, trace circuit paths, and cut out the tokens below!

### #09 City Vehicle Zoom Detective

Part-to-Whole

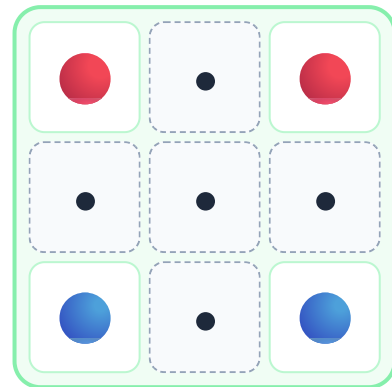


#1 🚒 Fire Truck • #2 🚤 Boat • #3 🚁 Heli

Which vehicle matches this zoomed part? **I Did It!** ✎ ☆ ☆ ☆

### #10 Railroad Circuit Switch

Non-Crossing Circuit

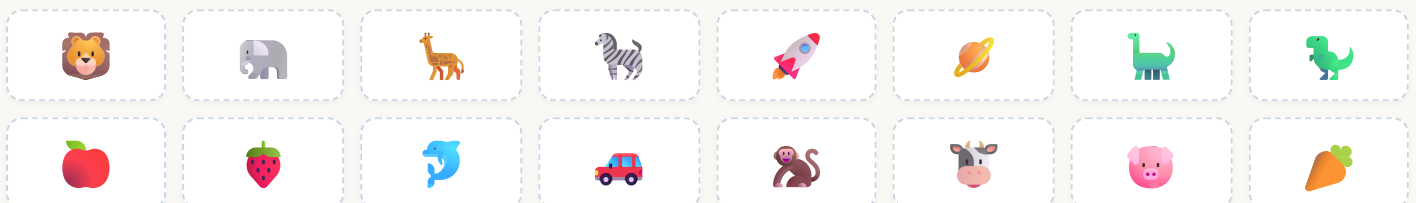


Connect matching colors with no lines crossing!

**I Did It!** ✎ ☆ ☆ ☆

### ✂ HANDS-ON CUT & PLAY TOKENS (Fine-Motor Scissor Practice)

Snip along dotted borders!



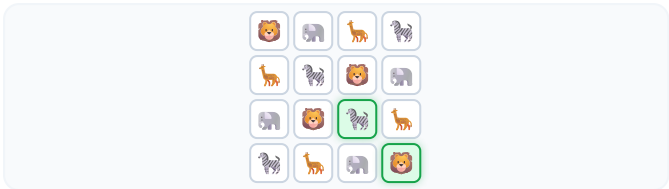


Complete Verified Solutions for Instant Checking

Green highlighted items show the exact correct answers deduced by your child!

#01 Safari Sudoku 4x4

Sudoku



Missing:

Row 3: • Row 4: ✓

#02 Cosmic Arrow Coding

Coding



Missing Step:

Down Arrow to ✓

#03 Dino Pattern Sequences

Pattern

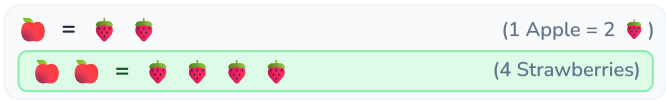


Next in Pattern:

T-Rex (AB Pattern) ✓

#04 Forest Fruit Balance

Balance

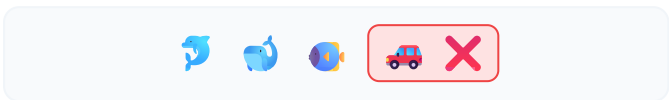


Weight Balance:

4 Strawberries ✓

#05 Ocean Creature Outlier

Outlier



Odd One Out:

Red Car (Land vehicle) ✓

#06 Jungle Shadow Match

Shadow

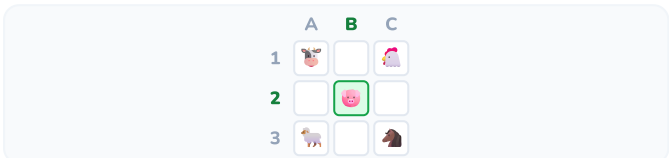


Real Silhouette:

Option B (Monkey shape) ✓

#07 Farmyard Coordinates

Coordinates



At (B, 2):

Little Pig ✓

#08 Veggie Mirror Symmetry

Symmetry

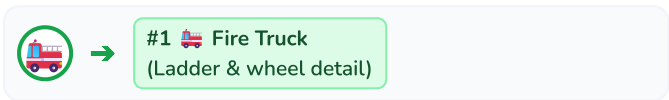


Reflected:

Mirrored along Blue Axis ✓

#09 City Vehicle Zoom Detective

Detective

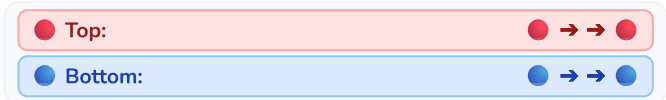


Zoomed:

Option #1: Fire Truck ✓

#10 Railroad Circuit Switch

Circuit



Paths:

Top & Bottom (No Cross) ✓



How to Praise Logical Effort: Focus on their strategy rather than speed! Say: "I loved how you tested the token before placing it!" or "You looked at the row that only had 1 empty spot—that's true detective work!"



# Official Junior Thinker Certificate of Mastery

This certifies that our brilliant Little Thinker

CHAMPION'S FULL NAME

has successfully completed all 10 core visual logic challenges in the KidzThinker  
Starter Sampler, demonstrating wonderful curiosity, focus, and brain power!

|                                                                                                  |                                                                                                 |                                                                                                    |                                                                                                      |                                                                                                     |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <br>Sudoku ✓  | <br>Mazes ✓  | <br>Sequences ✓ | <br>Scales ✓    | <br>Outlier ✓  |
| <br>Shadows ✓ | <br>Coords ✓ | <br>Symmetry ✓  | <br>Detective ✓ | <br>Circuits ✓ |

Brain Power Rating:



Color all 5 stars! 

Proud Parent / Teacher Signature



Date Completed