GeniusKite

Thinking skills for kids in the age of AI

Kids' Thinking Puzzles and Activities in the Age of AI

Fun Puzzles That Build Thinking Skills

Ages 14-15
Grade 9





















146 Logic, Probability, Cipher & AI Reasoning Puzzles

GeniusKite.com Team

FOR GROWN-UPS

A Note for Parents and Teachers



This book was written for students in **Grade 9** (about ages 14-15). Every puzzle is pitched at this one grade, and the difficulty climbs within each section from Warm-up to Challenge.

The puzzles practice careful reasoning: deduction, number sense, patterns, spatial thinking, language, and checking claims. The AI sections ask students to do what good thinkers do with any confident-sounding answer: test it step by step, look for the source, and explain what went wrong.

Nothing here requires a screen. A pencil, an eraser and some patience are enough.

Tips for using this book

- Let your student choose the section. Variety keeps things fresh.
- Encourage a quick estimate or guess before solving, then a check afterward.
- Use the answer key to discuss reasoning, not only to mark right or wrong.
- Short, regular sessions work well; ten or fifteen minutes is plenty.
- Celebrate effort on Challenge puzzles; getting stuck is part of the process.

Have fun thinking together!
The GeniusKite.com Team

Five-Way Logic Grids

Name: _____ **Warm-up** ★ ☆ ☆

Use the clues to find who goes with what. Mark ✕ for no and O for yes in the grid.

#2 Pottery Studio

Artists made pieces. Each artist has a different craft, age and snack.

1. Of Tomas and Priya, one tried origami and the other tried knitting.
2. The artist who packed grapes is not 16 years old.
3. The artist who packed berries is not 19 years old.
4. Priya is exactly one year older than the artist who packed apples.
5. Omar is younger than Ines.
6. Of the artist who tried sketching and the artist who tried weaving, one is 18 years old and the other is 15 years old.
7. The artist who packed apples did not try weaving.
8. The artist who tried sketching is younger than Gia.
9. Gia is exactly one year older than the artist who packed grapes.
10. The artist who is 17 either packed popcorn or packed orange slices.
11. The artist who packed popcorn is younger than the artist who tried knitting.

		Craft					Age					Snack				
		knitting	origami	pottery	sketching	weaving	15	16	17	18	19	apples	berries	grapes	orange slices	popcorn
Name	Tomas															
	Omar															
	Gia															
	Priya															
	Ines															
Snack	apples															
	berries															
	grapes															
	orange slices															
	popcorn															
Age	15															
	16															
	17															
	18															
	19															

Name	Craft	Age	Snack
Tomas			
Omar			
Gia			
Priya			
Ines			

Kite's tip: Each time you find a YES, X out the rest of its row and column in that block.