

# Fibonacci & Pattern Puzzle Pack (v2)

## Preview

Grades 4-8 · 10 sessions · enrichment puzzles + reasoning prompts

This preview shows the look-and-feel, pacing, and a sample worksheet. The full pack includes all 10 worksheets, station cards, certificate, and a separate answer key.

**Included in full pack:** print  
+ ink-saving + answer key

**License:** one classroom or  
one household

**Pack ID:** NW-FIBO-V2

**Support:**  
support@numberwonders.com

**Quick test:** print page 3 and run it as a 25-minute puzzle session.

Preview only. Full materials unlock after purchase.

© NumberWonders.com

## What the full pack contains

- 10 structured puzzle worksheets (one per session)
- Station cards for math club rotations
- Common mistakes checklist + differentiation tips
- Certificate of completion
- Separate answer key PDF

## Sample topics

#	Topic	Skill
1	Fibonacci basics	recursion
4	Pattern machines	functions
6	Golden ratio	ratio trend

**Ink-saving version:** same content with minimal shaded fills for cheap printing.

## Worksheet 4 (sample): Pattern Machines

Use each rule machine to fill outputs.

Input n	Rule	Output
1	$2n + 1$	—
2	$2n + 1$	—
3	$2n + 1$	—
4	$n^2 + 1$	—
5	$n^2 + 1$	—

**Prove it:** say the rule in words before calculating.