

— INTRODUCTION —

These activities provide focused practice to improve and reinforce skills on specific topics in playful and enjoyable ways. These activities are quick to introduce and play, supply lots of skill practice, and require minimal materials. In addition to the games and puzzles, a few overview pages are included in this list with useful progressions of techniques for mastering a particular skill. Each listed game is a hyperlink that takes you directly to the PDF for the game.

— TOPICS AND ACTIVITIES —

- **Shapes, Patterns, and Logic**

[PK-K Counterexamples](#)

[PK-K Follow the Leader](#)

[PK-K Same and Different](#)

[K-1 Stand Up Sit Down](#)

[PK-K Which One Doesn't Belong](#)

[PK-1 Whose Shape is this Anyway?](#)

- **Quantities, Counting, and Numbers**

[K-1 Bingo](#)

[1-2 Claim the Frame](#)

[K-1 Dots and Boxes](#)

[K-1 Go Fish!](#)

[1 Handfuls](#)

[K Memory Challenge](#)

[PK-1 Scavenger Hunt](#)

- **Number Line**

[K-1 Island Hopping - Count](#)

[K-1 Number Line Battleship](#)

[PK-K String Number Line](#)

- **Comparing Single-Digit Numbers**

[K-2 I'm Thinking of a Number](#)

[K The In-Between Game](#)

[K-1 War - Compare to 10](#)

- **Comparing Double-Digit Numbers**

[1-2 Creating Order](#)

[2-5 Fill In the Blanks](#)

[1-2 Get Closest](#)

[K-2 Going Up Stairs](#)

[1-3 Math Blackjack](#)

[K-1 War - Compare to 99](#)

- **Adding**

[1-2 Bag Stories - Add & Sub](#)

[K-2 Don't Go Over](#)

[K-1 Dots & Boxes Numbered](#)

[1-3 Hit the Target](#)

[1-3 Math Blackjack](#)

[K-2 Math Tic Tac Toe](#)

[K-1 Mystery Change](#)

[K-3 Nim 1-2](#)

[1-2 Pairing Down](#)

[K-2 Shape Sums](#)

[K-2 Shut the Box](#)

- **Adding – Subtracting Guides**

[1 Add and Sub - Fingers I](#)

[1 Addition Review](#)

[1 Subtraction Review](#)

[1 Addition Fingers II](#)

[1 Subtraction Fingers II](#)

- **Adding – Subtracting**

[1-2 Any Which Way](#)

[K-2 Closest to 10](#)

[K-2 Memory Challenge Rev.](#)

[1-2 Claim the Frame](#)

[K-2 Get Out of my House +/-](#)

[1-3 Sum Difference](#)

[K-1 War - Add and Sub](#)

- **Number Bonds (Sums with Fixed Totals)**

[1-2 Claim the Frame](#)

[K-1 Go Fish with Sums](#)

[1 Make 10 Gin Rummy](#)

[K-2 Four in a Row](#)

[1-2 Part-Whole Triangles](#)

[K-2 Shut the Box](#)

[K-2 Sum Groups](#)

- **Place Value - Double Digit**

[2-5 Fill in the Blanks](#)

[1-3 Making 100](#)

[1-2 Stake Your Claim](#)

- **Adding – Subtracting – Double Digit**

[1-2 5-Card Draw to a Target](#)

[2-5 Letter Substitution](#)

[1-3 Pig](#)

[1-2 Don't Break the Bank](#)

[1-3 Making 100](#)

[2-4 Pig Doubled](#)

[2-5 Fill in the Blanks](#)

[2-4 Missing Numbers](#)

[1-2 Stake Your Claim](#)

- **Multiplying - Factoring**

[3-4 20's](#)

[4-6 I'm Thinking of a Number – Remainders](#)

[3-4 Revealing Products](#)

[3-4 Cover Factors / Multiples](#)

[4-6 Mix it Up](#)

[2-3 Short Steps to a Target](#)

[2-4 Double or Nothing](#)

[3 Multiplication Review](#)

[1-3 Skip Counting](#)

[4-6 Finding Multiples](#)

[4-6 Nim with Factors](#)

[3-5 The Product Game](#)

[3-5 Grabbing Factors](#)

[2-5 Number Shapes](#)

[3-5 Turning the Tables](#)

[2-4 Halves and Have Nots](#)

[5-6 Prime Factorizations](#)

[3-4 War - Multiplication](#)

- **Mixed Operations**

[4-6 Counting Neighbors](#)

[2-5 Parentheses Puzzles](#)

[2-4 Number Scramble](#)

[2-4 Secret Ops](#)

- **Rectangle Area**

[3-4 Divide Up the Box](#)

[2-3 The Paddock Game](#)

— ICON GUIDE —



These games can be played by pairs, small groups, or large groups.



These are playful activities for small groups or large groups. They have no winners and losers.



These puzzles are designed to give challenges to individuals, small groups, or even the whole class. In a separate collection, we also have Puzzles of the Week in posters, cards, and slides.



This indicates the grade levels that benefit from using this activity.



Send these home for added practice that involves the family in the fun math being done at school.



These are quick to learn, quick to set up and play, and give focused math skill practice.



These are useful when you have a short bit of time transitioning between other activities.

— Legal Stuff —

Every family should have the opportunity to learn and enjoy math together. To that end, Early Family Math is a collection of materials that families and educators can freely edit, translate, copy, and distribute, without asking permission, for non-commercial uses only.

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