



Math Standards: Common Core Connections

The games, projects, and activities in *FOOD FIGHTS, PUZZLES, AND HIDEOUTS* span the key topics in the Common Core State Standards for Mathematics for grades K-5. Use the charts on pp. 71-77 to match them, along with their variations, to the Mathematical Content Standards for each grade. Checkmarks on the chart reflect content children explore and strategies they typically use for each game, project, and activity in this book. Taken together, the calendars address the full range of Mathematical Content Standards for grades K-5.

Many children will benefit from experience with games, projects, and activities that address standards for earlier grades. The approach in this book can provide a new lens on familiar topics.

This book complements any math curriculum. You can use it to provide advance exposure to topics that children will be meeting in school, to give children hands-on experience with the skills they are currently learning in school, and to help them build enthusiasm about math and appreciation of its relevance to everyday life. All children—whether they are struggling or succeeding in school math—will benefit.

The resources in this book also offer a wealth of experience with the grade-independent Mathematical Practice Standards. For more information, see: National Governors Association Center for Best Practices, Council of Chief State School Officers. (2010). *Common Core State Standards for Mathematics*. Washington, DC: National Governors Association Center for Best Practices, Council of Chief State School Officers.

		Kindergarten					Grade 1			
		Counting and Cardinality	Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry
Games Galore	Blockade, p. 2									
	Heads Up, p. 6	✓	✓				✓			
	Land on 100, p. 10	✓	✓	✓			✓	✓		
	More, Less, Equal, p. 12	✓	✓	✓			✓	✓		
	Name Game, p. 3									
	Narrow It Down, p. 13				✓	✓			✓	✓
	Pennysaver, p. 7	✓	✓				✓			
	Roll the Bank, p. 5									
	Same as Seven, p. 9									
	Secret Number, p. 4	✓		✓			✓	✓		
Twenty Pennies, p. 8	✓	✓	✓			✓	✓			
Projects and Crafts	Build a Hideout, p. 16				✓	✓			✓	✓
	Estimation Station, p. 20	✓		✓				✓		
	Estimation Station Challenge, p. 21									
	Giant Size, p. 23									
	Growing Plants, p. 22				✓				✓	
	Penny Jar, p. 24	✓	✓	✓			✓	✓		
	Potato Bridge, p. 17				✓	✓			✓	
	Puzzle Me This, p. 25									
	Ride on a Slide, p. 18									
	Tell Me a Story, p. 19	✓	✓				✓			

		Kindergarten					Grade 1			
		Counting and Cardinality	Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry
Play with Your Food	Double or More, p. 35	✓	✓		✓		✓			
	Fair Shares, p. 32	✓	✓				✓			
	Food Fight, p. 31									
	Party Planning, p. 33									
	Play with Your Food, p. 30									
	Say When, p. 29									
	Size Them Up, p. 34				✓	✓			✓	
	What's Inside? p. 28	✓	✓				✓	✓		
Good for Groups	Animal Olympics, p. 38				✓				✓	
	Curtains Up, p. 43									
	Far and Wide, p. 40	✓	✓		✓		✓		✓	
	Find Someone, p. 41	✓		✓	✓	✓			✓	✓
	Jump, Clap, Snap, p. 39	✓	✓	✓			✓	✓		
	Line Up, p. 46	✓			✓				✓	
	Piece It Together, p. 45	✓			✓	✓		✓	✓	✓
	Quick Questions, p. 42	✓			✓				✓	
	Tower Tournament, p. 47				✓	✓			✓	✓
	Two Way Split, p. 44	✓	✓				✓	✓		
Anytime, Anywhere	Countdown, p. 54	✓	✓				✓			
	Minute Madness, p. 55	✓	✓		✓			✓	✓	
	Rate It, p. 52				✓				✓	
	Take Stock, p. 50	✓			✓		✓	✓		
	Take Ten, p. 53	✓	✓	✓			✓	✓		
	What's on the Wall? p. 51	✓				✓	✓			✓

		Grade 2				Grade 3				
		Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry
Games Galore	Blockade, p. 2	✓			✓	✓	✓			✓
	Heads Up, p. 6	✓		✓						
	Land on 100, p. 10	✓	✓				✓			
	More, Less, Equal, p. 12	✓	✓	✓		✓	✓			
	Name Game, p. 3	✓				✓				
	Narrow It Down, p. 13			✓	✓					✓
	Pennysaver, p. 7	✓								
	Roll the Bank, p. 5					✓		✓		
	Same as Seven, p. 9	✓				✓				
	Secret Number, p. 4	✓				✓				
	Twenty Pennies, p. 8									
Projects and Crafts	Build a Hideout, p. 16			✓	✓				✓	
	Estimation Station, p. 20	✓							✓	
	Estimation Station Challenge, p. 21									
	Giant Size, p. 23			✓					✓	
	Growing Plants, p. 22			✓					✓	
	Penny Jar, p. 24	✓	✓	✓		✓	✓			
	Potato Bridge, p. 17			✓						
	Puzzle Me This, p. 25	✓		✓	✓	✓			✓	✓
	Ride on a Slide, p. 18			✓					✓	
	Tell Me a Story, p. 19	✓		✓		✓		✓		

		Grade 2				Grade 3				
		Operations and Algebraic Thinking	Number and Operations in Base Ten	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry
Play with Your Food	Double or More, p. 35	✓		✓		✓		✓	✓	
	Fair Shares, p. 32	✓						✓		
	Food Fight, p. 31								✓	
	Party Planning, p. 33	✓	✓			✓	✓			
	Play with Your Food, p. 30									
	Say When, p. 29			✓				✓	✓	
	Size Them Up, p. 34								✓	
	What's Inside? p. 28	✓				✓				
Good for Groups	Animal Olympics, p. 38			✓					✓	
	Curtains Up, p. 43			✓				✓	✓	
	Far and Wide, p. 40	✓	✓	✓		✓	✓		✓	
	Find Someone, p. 41			✓				✓		✓
	Jump, Clap, Snap, p. 39	✓	✓			✓		✓		
	Line Up, p. 46									
	Piece It Together, p. 45			✓	✓			✓		✓
	Quick Questions, p. 42			✓					✓	
	Tower Tournament, p. 47			✓	✓				✓	✓
	Two Way Split, p. 44	✓		✓		✓		✓	✓	
Anytime, Anywhere	Countdown, p. 54	✓	✓			✓		✓		
	Minute Madness, p. 55	✓	✓							
	Rate It, p. 52			✓*			✓*			
	Take Stock, p. 50	✓		✓						
	Take Ten, p. 53	✓		✓		✓	✓		✓	
	What's on the Wall? p. 51	✓			✓					✓

*Addresses negative numbers, included in “Number and Operations in Base Ten” Grade 6.

		Grade 4					Grade 5				
		Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry
Games Galore	Blockade, p. 2					√					
	Heads Up, p. 6										
	Land on 100, p. 10										
	More, Less, Equal, p. 12	√									
	Name Game, p. 3	√					√				
	Narrow It Down, p. 13					√					√
	Pennysaver, p. 7										
	Roll the Bank, p. 5			√							
	Same as Seven, p. 9	√					√				
	Secret Number, p. 4	√					√				
	Twenty Pennies, p. 8										
Projects and Crafts	Build a Hideout, p. 16				√			√			
	Estimation Station, p. 20										
	Estimation Station Challenge, p. 21		√					√	√		
	Giant Size, p. 23			√	√			√	√		
	Growing Plants, p. 22										
	Penny Jar, p. 24	√	√		√			√			
	Potato Bridge, p. 17										
	Puzzle Me This, p. 25	√			√			√			
	Ride on a Slide, p. 18				√	√			√	√	
	Tell Me a Story, p. 19	√		√				√			

		Grade 4					Grade 5				
		Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry	Operations and Algebraic Thinking	Number and Operations in Base Ten	Number and Operations — Fractions	Measurement and Data	Geometry
Play with Your Food	Double or More, p. 35	√		√					√	√	
	Fair Shares, p. 32										
	Food Fight, p. 31		√		√			√		√	
	Party Planning, p. 33	√			√						
	Play with Your Food, p. 30		√	√	√			√		√	
	Say When, p. 29										
	Size Them Up, p. 34				√					√	
	What's Inside? p. 28										
Good for Groups	Animal Olympics, p. 38										
	Curtains Up, p. 43			√	√				√	√	
	Far and Wide, p. 40	√	√		√		√	√		√	
	Find Someone, p. 41					√					√
	Jump, Clap, Snap, p. 39	√		√			√	√	√		
	Line Up, p. 46										
	Piece It Together, p. 45										
	Quick Questions, p. 42				√					√	
	Tower Tournament, p. 47				√	√				√	
	Two Way Split, p. 44										
Anytime, Anywhere	Countdown, p. 54	√									
	Minute Madness, p. 55										
	Rate It, p. 52		√*					√*			
	Take Stock, p. 50	√									
	Take Ten, p. 53										
	What's on the Wall? p. 51					√					√

*Addresses negative numbers, included in “Number and Operations in Base Ten” Grade 6.

