

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 gradeindependent 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.



Common Core Connections (includes Variations)



		Kinderg	arten				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	
	Blockade, p. 2										
	Heads Up, p. 6	√	\checkmark				√				
	Land on 100, p. 10	\checkmark	\checkmark	√			V	√			
é	More, Less, Equal, p. 12	√	V	√			√	√			
Games Galore	Name Game, p. 3										
es G	Narrow It Down, p. 13				\checkmark	\checkmark			√	\checkmark	
ama	Pennysaver, p. 7	\checkmark	\checkmark				V				
G	Roll the Bank, p. 5										
	Same as Seven, p. 9										
	Secret Number, p. 4	\checkmark		√			V	√			
	Twenty Pennies, p. 8	\checkmark	\checkmark	√			V	√			
	Build a Hideout, p. 16				V	√			√	\checkmark	
	Estimation Station, p. 20	√		V				√			
fts	Estimation Station Challenge, p. 21										
Crafts	Giant Size, p. 23										
and	Growing Plants, p. 22				V				√		
Projects	Penny Jar, p. 24	\checkmark	\checkmark	√			√	√			
Proje	Potato Bridge, p. 17				\checkmark	\checkmark			√		
	Puzzle Me This, p. 25										
	Ride on a Slide, p. 18										
	Tell Me a Story, p. 19	\checkmark	\checkmark				√				



Common Core Connections (includes Variations)

		Kinderg	jarten		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
	Double or More, p. 35	√	√		\checkmark		√			
ро	Fair Shares, p. 32	√	\checkmark				√			
r Fo	Food Fight, p. 31									
Play with Your Food	Party Planning, p. 33									
vith	Play with Your Food, p. 30									
a V	Say When, p. 29									
P	Size Them Up, p. 34				\checkmark	√			V	
	What's Inside? p. 28	√	√				√	√		
	Animal Olympics, p. 38				\checkmark				V	
	Curtains Up, p. 43									
	Far and Wide, p. 40	√	√		\checkmark		√		√	
, dno	Find Someone, p. 41	√		√	\checkmark	√			√	√
L G	Jump, Clap, Snap, p. 39	√	√	√			√	√		
Good for Groups	Line Up, p. 46	√			\checkmark				√	
Co Co	Piece It Together, p. 45	√			\checkmark	√		V	√	√
	Quick Questions, p. 42	√			\checkmark				V	
	Tower Tournament, p. 47				\checkmark	V			V	√
	Two Way Split, p. 44	√	√				√	√		
ere	Countdown, p. 54	√	√				√			
whe	Minute Madness, p. 55	√	√		\checkmark			√	√	
Any	Rate It, p. 52				√				√	
Anytime, Anywhere	Take Stock, p. 50	√			√		√	V		
nyti	Take Ten, p. 53	√	√	V			√	V		
◄	What's on the Wall? p. 51	√				√	√			√

Common Core Connections (includes Variations)



		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	
	Blockade, p. 2	V			V	√	V			\checkmark	
	Heads Up, p. 6	V		\checkmark							
	Land on 100, p. 10	√	√				√				
e	More, Less, Equal, p. 12	V	√	\checkmark		√	√				
Galore	Name Game, p. 3	√				√					
S G	Narrow It Down, p. 13			√	√					√	
Games	Pennysaver, p. 7	√									
U	Roll the Bank, p. 5					√		√			
	Same as Seven, p. 9	√				√					
	Secret Number, p. 4	√				√					
	Twenty Pennies, p. 8										
	Build a Hideout, p. 16			\checkmark	√				V		
	Estimation Station, p. 20	V							V		
fts	Estimation Station Challenge, p. 21										
Crafts	Giant Size, p. 23			V					V		
and	Growing Plants, p. 22			V					√		
ects	Penny Jar, p. 24	√	√	\checkmark		√	√				
Projects and	Potato Bridge, p. 17			\checkmark							
	Puzzle Me This, p. 25	√		\checkmark	√	√			√	√	
	Ride on a Slide, p. 18			\checkmark					√		
	Tell Me a Story, p. 19	√		V		√		\checkmark			



Common Core Connections (includes Variations)

		Grade 2	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		
	Double or More, p. 35	√		\checkmark		√		√	\checkmark			
po	Fair Shares, p. 32	√						√				
r Fo	Food Fight, p. 31								\checkmark			
Play with Your Food	Party Planning, p. 33	√	\checkmark			√	√					
vith	Play with Your Food, p. 30											
ay v	Say When, p. 29			\checkmark				√	\checkmark			
đ	Size Them Up, p. 34								\checkmark			
	What's Inside? p. 28	√				√						
	Animal Olympics, p. 38			√					\checkmark			
	Curtains Up, p. 43			\checkmark				√	\checkmark			
	Far and Wide, p. 40	√	√	V		√	√		\checkmark			
ŝdno	Find Someone, p. 41			\checkmark				√		\checkmark		
L G	Jump, Clap, Snap, p. 39	√	\checkmark			√		√				
Good for Groups	Line Up, p. 46											
оо С	Piece It Together, p. 45			\checkmark	√			√		\checkmark		
	Quick Questions, p. 42			V					\checkmark			
	Tower Tournament, p. 47			\checkmark	V				\checkmark	√		
	Two Way Split, p. 44	√		√		√		√	\checkmark			
re	Countdown, p. 54	√	√			√		√				
whe	Minute Madness, p. 55	√	√									
Any	Rate It <i>,</i> p. 52			√ *			√*					
ne,	Take Stock, p. 50	√		\checkmark								
Anytime, Anywhere	Take Ten, p. 53	√		\checkmark		√	√		\checkmark			
Ā	What's on the Wall? p. 51	√			√					√		

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

Common Core Connections (includes Variations)



		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		
	Blockade, p. 2					V							
	Heads Up, p. 6												
	Land on 100, p. 10												
e e	More, Less, Equal, p. 12	√											
Games Galore	Name Game, p. 3	√					√						
Se G	Narrow It Down, p. 13					V					\checkmark		
ame	Pennysaver, p. 7												
U	Roll the Bank, p. 5			√									
	Same as Seven, p. 9	√					√						
	Secret Number, p. 4	√					√						
	Twenty Pennies, p. 8												
	Build a Hideout, p. 16				\checkmark				√				
	Estimation Station, p. 20												
fts	Estimation Station Challenge, p. 21		V					V		V			
Crafts	Giant Size, p. 23			V	V				√	V			
and	Growing Plants, p. 22												
Projects an	Penny Jar, p. 24	√	√		V			√					
Proje	Potato Bridge, p. 17												
	Puzzle Me This, p. 25	√			V				√				
	Ride on a Slide, p. 18				V	V				V	\checkmark		
	Tell Me a Story, p. 19	√		\checkmark					\checkmark				



Common Core Connections (includes Variations)

		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		
	Double or More, p. 35	√		√					\checkmark	√			
po	Fair Shares, p. 32												
r Fo	Food Fight, p. 31		√		√			√		√			
Play with Your Food	Party Planning, p. 33	√			√								
vith	Play with Your Food, p. 30		\checkmark	\checkmark	V			√		\checkmark			
ay v	Say When, p. 29												
P	Size Them Up, p. 34				√					\checkmark			
	What's Inside? p. 28												
	Animal Olympics, p. 38												
	Curtains Up, p. 43			\checkmark	√				\checkmark	\checkmark			
	Far and Wide, p. 40	√	V		√		√	\checkmark		\checkmark			
sdno	Find Someone, p. 41					V					√		
Ğ	Jump, Clap, Snap, p. 39	√		\checkmark			√	√	\checkmark				
Good for Groups	Line Up <i>,</i> p. 46												
0 0 0 0	Piece It Together, p. 45												
	Quick Questions, p. 42				\checkmark					\checkmark			
	Tower Tournament, p. 47				V	V				√			
	Two Way Split, p. 44												
e	Countdown, p. 54	√											
vhei	Minute Madness, p. 55												
Any	Rate It, p. 52		√ *					√ *					
Anytime, Anywhere	Take Stock, p. 50	√											
nytin	Take Ten, p. 53												
Ar	What's on the Wall? p. 51					\checkmark					\checkmark		

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

