iPad Apps Linked to Kentucky's Mathematics Deconstructed Learning Standards Fluency

Working Toward K.OA.1, K.OA.5	Working Toward K.OA.5 (5F)	Working Toward 1.OA.6,1.OA.7, &1.OA.8 (10FR)	Working Toward 1.OA.6,1.OA.7, &1.OA.8	Working Toward 2.OA.2 (20FR)	Working Toward 2.OA.2 (20F)
(5FR) HiFive Math Free	HiFive Math Free	HiFive Math Premium	(10F) HiFive Math Premium	HiFive Math Premium	HiFive Math Premium
HiFive Math Premium	HiFive Math Premium	Compose/Decompose 10	Compose/Decompose 10	Compose/Decompose 20	Compose/Decompose 20
Compose/Decompose 5	Compose/Decompose 5	All games w/ Images. App	All games w/ Numbers or	All games w/Images. App	All games w/Numbers or
All games (Except Pick 2	All games (Except Pick 2	Level: 10, 0-10. Pick 2 Diff	Both. App Level: 10, 0-10.	Level: 20, 0-20. Pick 2 Diff	Both. App Level: 20, 0-20.
Diff) w/ Images. App	Diff) w/ Numbers or Both.	w/ Images App Level: 5, 0-	Pick 2 Diff w/ Numbers or	w/ Images. App Level: 10,	Pick 2 Diff w/ Numbers or
Level: 5, 0-5. Free/ \$1.99	App Level: 5, 0-5	5. \$1.99	Both. App Level: 5, 0-5.	0-10. \$1.99	Both. App Level: 10, 0-10.
Ευνοί. 3, ο 3. 11ου, φ1.99	Free/ \$1.99	σ. φ1.,γγ	\$1.99	υ 10. ψ1.	\$1.99
HiFive Math	HiFive Math	HiFive Math	HiFive Math	HiFive Math	HiFive Math
Find Sums	Find Sums	Find Sums	Find Sums	Find Sums	Find Sums
Compose/Decompose 5	Compose/Decompose 5	Compose/Decompose 6-10	Compose/Decompose 6-10	Compose/Decompose 11-	Compose/Decompose 11-
App Level: Apple Mode	App Level: Part Whole	App Level: Apple Mode	App Level: Part Whole	20	20
Free (iPhone app)	Mode	Free (iPhone app)	Mode	App Level: Apple Mode	App Level: Part Whole
	Free (iPhone app)		Free (iPhone app)	Free (iPhone app)	Mode Free (iPhone app)
Make 10 Plus	Make 10 Plus	Make 10 Plus	Make 10 Plus	Make 10 Plus	Make 10 Plus
Compose to 5	Compose to 5	Compose to 10	Compose to 10	Compose to 20	Compose to 20
App Level: 0-5	App Level: 0-5	App Level: 0-5	App Level: 0-5	App Level: 0-5	App Level: 0-5
Add sum of 5	Add sum of 5	Add sums 6 - 10	Add sums 6 - 10	Add sums 11 - 20	Add sums 11 - 20
Speed Increases	Speed Increases	Speed Increases	Speed Increases	Speed Increases	Speed Increases
Mahjong dots	Numbers	Mahjong dots	Numbers	Mahjong dots	Numbers
Free	Free	Free	Free	Free	Free
Working Toward	Working Toward	Working Toward	Working Toward	Working Toward	Working Toward

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Kentucky Academic Standards with Targets (August 2015). Kentucky Department of Education. Retrieved February 2017

K.OA.1, K.OA.5 (5FR)	K.OA.5 (5F)	1.OA.6,1.OA.7, &1.OA.8 (10FR)	1.OA.6,1.OA.7, &1.OA.8 (10F)	2.OA.2 (20FR)	2.OA.2 (20F)
Tens Frame Snap	(5F)	Tens Frame Snap	(10F)	(20FR)	(20F)
Compose to 5		Add/Subt to 10			
App Level:		App Level:			
Pairs 1-5		Pairs 5-10			
Add sum of 5		Add sum of 10			
Free		Difference-all options			
		Free			
Hungry Guppy	Hungry Guppy				+
Compose to 5	Compose to 5				
App Level: Dots or Mixed	App Level: Numbers				
\$3.99	\$3.99				
Motion Math Hungry Guppy	Motion Math Hungry Guppy				
Harama Elab	Harama Elab	Haraman Plat	Harrison Elab		Hanna Elab
Hungry Fish Compose to 5	Hungry Fish Compose to 5	Hungry Fish Compose to 10	Hungry Fish Compose to 10		Hungry Fish Compose to 20
With Finger Norm	App Level: 2, 3	With Finger Norm	App Level: 4-8		App Level: 9-11
App Level: 2, 3	\$1.99	App Level: 4-8	\$1.99		\$1.99
\$1.99	ψ1.22	\$1.99	Ψ1.22		Ψ1.77
Ψ1.//		Ψ1.//			
Addition and subtraction Addition and subtraction were never this bun	Addition and subtraction design in the fundament of the f	Addition and subtraction design in the fundamental subtraction and subtraction are subtraction in the fundamental subtractio	Analysis and some final		Modern Models Hardru Fish Addison and subtraction Modern never this fund

| Working Toward |
|----------------|----------------|----------------|----------------|----------------|----------------|

K.OA.1, K.OA.5 (5FR)	K.OA.5 (5F)	1.OA.6,1.OA.7, &1.OA.8 (10FR)	1.OA.6,1.OA.7, &1.OA.8 (10F)	2.OA.2 (20FR)	2.OA.2 (20F)
(SPR)		10 Frame Fill Compose 10 App Options: Sequential or Random Fill Show Equation Free		(201 K)	(201)
		10 Frame Fill			
		Math Slide Basic Facts Compose/Decompose to 10 App Level: Game 1 Free	Math Slide Basic Facts Compose/Decompose to 10 App Level: Game 2, 3, 6 Free	Math Slide Basic Facts Compose/Decompose to 20 App Level: Game 4 Free	Math Slide Basic Facts Compose/Decompose to 20 App Level: Game 5, 7, 8, 9,10 Free
		Stice + -	Slice + -	Side +-	Stice + -
		Math Slide 100 Compose/Decompose to 10 App Level: Game 1 \$1.99		Math Slide 100 Compose/Decompose to 20 App Level: Game 3, images/numbers to 20 \$1.99	Math Slide 100 Compose/Decompose to 20 App Level: Game 2, 10 plus w/numbers Game 4, 10 plus w/numbers \$1.99
		Slide ► 100		Side 100	Side 100
Working Toward K.OA.1, K.OA.5 (5FR)	Working Toward K.OA.5 (5F)	Working Toward 1.OA.6,1.OA.7, &1.OA.8 (10FR)	Working Toward 1.OA.6,1.OA.7, &1.OA.8 (10F)	Working Toward 2.OA.2 (20FR)	Working Toward 2.OA.2 (20F)

Word Problems Compose/Decompose to 5 App Levels: Add/Subt without chips \$.99	Word Problems Compose/Decompose to 10 App Levels: Add/Subt without chips \$.99	Compose/Decompose to 20 App Levels: Add/Subt without chips	Word Problems Compose/Decompose to 20 App Levels: Add/Subt without chips \$.99
Vasen had 4 books Word Problems	Jasen had 4 books Word Problems	Jasen had 4 books Word Problems	Jasen had 4 books Word Problems