

Family Maths Events: Activity List

Younger group (up to grade 3)

Station activity	Additional resources required for the station	Has extension built in?	Comments
Playing cards: make 10	Pack of playing cards	Yes, can look for numbers to 20 etc	Lay down a 3 x 3 grid. Look for 2 (3 or 4) cards that make 10. Take those cards. Fill in spaces from pack. Next person has a turn.
Cube / block building	Small cube blocks and activity cards		
Sequencing puzzles 1&2 (Crab and South Africa)	Sequencing activities cut into individual strips		Before 1 st use: These need to be cut and stored in envelopes
Sequencing puzzles 3&4 (donkey and boy)	Sequencing activities cut into individual strips		Before 1 st use: These need to be cut and stored in envelopes
Find shape values (easier: nos to 20)	Kokis and cleaning cloth		
Grid pattern searches x 2	Individual shapes		Before 1 st use: The individual shapes need to be cut up and stored in envelopes Can be one station with extension or 2 stations
Hidden shape puzzles x 3	Kokis and cleaning cloth	Yes, if use all puzzles on 1 station	Can be 3 stations or one with extension
4-pin bowling	Kokis and cleaning cloth		
Addition squares x 2	Kokis and cleaning cloth		Can be one station with extension or 2 stations
Build 3D shapes (cube/house and roof using GeoGenius)	GeoGenius shapes and elastics		
Domino windows	Domino cards or actual dominos	Yes, additional questions	
How many dots?	Kokis and cleaning cloth		
Build the 100 squares (up to 100)	100 squares puzzle pieces		Before 1 st use: These need to be cut along the thick black lines and stored in envelopes Can be one station with extension or 2 stations
Faces and dog puzzles	Kokis and cleaning cloth		
Build the number	Unifix blocks		

Older groups

Station activity	Additional resources required for the station	Has extension built in?	Comments
Make a Octahedron (using GeoGenius)	GeoGenius shapes and elastics	Use “Make a Icosahedron (using GeoGenius)” as extension	
Cube / block building	Small cube blocks and activity cards		
Find the missing numbers	Kokis and cleaning cloth		
Build the 100 squares (3 digit numbers)	100 squares puzzle pieces		
How many cookies?	Kokis and cleaning cloth		
How many rectangles?	Kokis and cleaning cloth	Yes, triangle puzzle can be used for extension	
Find shape values (harder)	Kokis and cleaning cloth		
What colour is each shape?	Kokis and cleaning cloth		
Puzzles (Faces and dogs)	Kokis and cleaning cloth		
Calculator puzzles	Kokis and cleaning cloth	Yes, on back of activity	
A bit fishy	Kokis and cleaning cloth		
Number grid puzzles	Kokis and cleaning cloth		
Matchstick puzzles	Matchsticks or toothpicks	Yes, additional activities on back	
Addition and math maze	Kokis and cleaning cloth		
Maths cross-puzzle	Kokis and cleaning cloth		
Make 24	Kokis and cleaning cloth	Yes, additional activities on back	
Go figure	Kokis and cleaning cloth		
Domino windows	Domino cards or actual dominoes	Yes, additional questions	
Tangram (build the square)	Tangram pieces	Yes, additional questions	Before 1 st use: This needs to be cut up and stored in envelopes
Tangram (build the cat and dog)	Tangram pieces		Before 1 st use: This needs to be cut up and stored in envelopes
Harder options			
Arithmagons	Kokis and cleaning cloth		
Dotty shapes	Kokis and cleaning cloth		
Field work	Kokis and cleaning cloth		
Which one is different?	Kokis and cleaning cloth		
Number cells	Kokis and cleaning cloth		