

Deletions in ~~strike through~~. Additions in *blue italics*.

#	Title / Name	Description	Group	Icon description for designer
1	Addition Astronaut Acrobat	All 25 addition correct	25	Person Juggling or flipping/flying/leaping over numbers and/or addition sign. <i>Space-suit or space-helmet etc.</i> Include the number 25.
2	Subtraction Superhero	All 25 subtraction correct	25	Superman style symbol or caped figure with minus sign emblem. Include the number 25.
3	Multiplier Magician	All 25 multiplication correct	25	Magic Wand, possibly with numbers and/or operators around it. Include the number 25.
4	Divider Demolisher	All 25 division correct	25	Dynamite <i>or bomb or wrecking ball</i> exploding/breaking division operators. Include the number 25.
5	Amazing adder-upper	20 addition correct	20	Sparkly addition operator(s). Include the number 20.
6	Superb Subtractor	20 subtraction correct	20	Sparkly subtraction operator(s). Include the number 20.
7	Masterful Multiplier	20 multiplication correct	20	Sparkly multiplication operator(s). Include the number 20.
8	Dazzling Divider	20 division correct	20	Sparkly division operator(s). Include the number 20.
9	Awesome Adder	10 addition correct	10	Coloured gem/stone with addition operator(s). Include the number 10.
10	Skilful Subtractor	10 subtraction correct	10	Coloured gem/stone with subtraction operator(s). Include the number 10.
11	Magnificent Multiplier	10 multiplication correct	10	Coloured gem/stone with multiplication operator(s). Include the number 10.
12	Dedicated divider	10 division correct	10	Coloured gem/stone with division operator(s). Include the number 10.
25	Hat-trick	Three correct in a row	Combo	3 ticks in a row. Include the number 3.
13	Bingo!	Five correct in a row	Combo	5 ticks in a row. Include the number 5.
14	Double Bingo!	10 correct in a row	Combo	10 ticks in a row (or graphic that indicates many/several ticks). Include the number 10.
15	Winning streak	20 correct in a row	Combo	20 ticks in a row (or graphic that indicates many/several ticks). Include the number 20.
16	Beginners Luck	Getting the first question correct	Misc	Four-leaf clover

17a	Tee-off	Automatic achievement for starting	Misc	Golf ball on tee with club head ready to strike it.
17b	Blast-off	Automatic achievement for starting	Misc	Rocket-ship heading for moon or planet or starry night sky etc
18	Fast Fingers	Attempted all within time	Misc	Fingers "racing" against a clock (e.g.: like a foot race) or fingers crossing the finish line ahead of a clock.
19	Jack of all trades	20 each answered correctly	Misc	Badge with operator in each quarter. Include the number 20.
20	All rounder	10 each answered correctly	Misc	Badge with operator in each quarter. Include the number 10.
21	On Target	All attempt correct within time (i.e.: ran out of time but all questions that were attempted were answered correctly).	Misc	Target/bulls-eye graphic with center marked
22	Rising star	Beating your current high-score.	Score	Curving upwards "Shooting" star.
23	Keen Kid	Completing 5 sessions	Sessions	500 questions answered. Include the number 5.
24	Teachers Pet	Completing 10 sessions	Sessions	1000 questions answered. Include the number 10.
27	Maths Machine	Completing 15 sessions	Sessions	1500 questions answered. Include the number 15.
26	Half-way	50+ correct	Score	Star (or other kid-friendly marker) moving up (or across) a gauge - on or just over halfway.

Note about the "Group" column:

The "group" defines a collection of similar badges. The group name will **not be displayed anywhere in the app** so ideally each group should have a common visual style or common element.

For the "25" group I would like a shiny gold border, for the "20" group a shiny silver border and the "10" group a shiny bronze border. By "border" I mean the silver border/edge you have used in your design but with a gold or bronze tint.

For the other groups – "Combo", "Misc", "Sessions" and "Score" – they could have the same colored border (e.g.: diamond blue for "Combo", ruby red for "Misc" etc) and have a metal inner surface. Or, each group could have a different style of border – (for example "smooth" and round instead of round with sharp points). Or, each group could be a different shape – for example a "shield" or square, or a rectangle with rounded corners.