Rashid School for Boys

Europe	Examples	Can your child answer these questions?/Web links
Count reliably with numbers from 1-20	1,2,3,4,5,6,7... - up to 20	How many marbles are in this jar? http://resources.hwb.wales.gov.uk/VTC/ngfl/ngflflash/numbers_eng/numbers_e.html http://www.topmarks.co.uk/learning-to-count/underwater-counting http://www.ictgames.com/newduckshoot.html http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq.html
Say 1 more than any number between 0 - 20	Forwards starting on any number from 0 to 20.	There are seven beads in this pot. If I put one more in the pot how many would there be? http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq.html http://www.ictgames.com/whackAMole/index.htm http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq.html
Say 1 less than any number between 0-20	Backwards starting on any number from 0 to 20.	There are ten beads in the pot. I am taking one bead out of the pot now – how many are left? http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq.html

Rashid School for Boys

Asia	Examples	Can your child answer these questions?/Weblinks
Count in 2's forwards and backwards up to 100	2,4,6,8,10 22,24,26 38,36,34,32	How far can you count in twos? What number would follow in this sequence: 6,8,10,12….? How far can you continue the sequence.. What about this sequence? 18,16,14,… What would come next? Can you get back to 0? http://www.oswego.org/ocsd-web/games/spookyseq/spookycf2.html http://mrcrammond.com/games/Counting%20On.swf http://www.ictgames.com/fairyfog2s_v2.html http://www.ictgames.com/fishy2s.html http://www.arcademicskillbuilders.com/ http://snappymaths.com/
Count in 5's forwards and backwards up to 100	5,10,15,20,25,30 70,65,60,55,50,45,40	How far can you count in fives? What number would follow in this sequence: 45,50,55,60, ….? How far can you continue the sequence…What about this sequence? 80,75,70,65,… What would come next? Can you get back to 0? http://www.oswego.org/ocsd-web/games/spookyseq/spookycf5.html http://mrcrammond.com/games/Counting%20On.swf http://www.funbrain.com/cgi-bin/dots.cgi http://www.harcourtschool.com/activity/connect_by_5/ http://www.oswego.org/ocsd-web/games/spookyseq/spookycf5.html http://www.ictgames.com/fairyfog5s_v2.html http://snappymaths.com/

Count in 10s forwards and backwards up to 100	10,20,30,40 90,80,70,60,50	How far can you count in tens? What number would follow in this sequence: 40, 50, 60, ….? How far can you continue the Sequence…What about this sequence? 90, 80,70,… What would come next? Can you get back to 0? http://www.oswego.org/ocsd-web/games/spookyseq/spookycf10.html http://www.abcya.com/connect_the_dots_1-100.htm http://www.abcya.com/connect_the_dots_bear_2s.htm http://www.harcourtschool.com/activity/connect_the_dots/ http://www.ictgames.com/fairyfog10s_v2.html
Know by heart all number bonds to 10	0+10 = 10 1+9 = 10 2+8 = 10 3+7 = 10 4+6 = 10 5+5 = 10 6+4 = 10 7+3 = 10 8+2 = 10 9+1 = 10 10+0 = 10	What would you add to 7 to get a total of 10? Use number cards from 1 to 9 – can you pair the numbers which make 10? How many pairs of numbers can you remember that make a total of 10? This means that should you be given the number "8" you should be able to immediately respond "2" as 8 + 2 makes 10. http://www.mathplayground.com/number_bonds_10.html http://www.iboard.co.uk/iwb/Alien-Pairs-to-10-733 http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html http://www.arcademicskillbuilders.com/ http://www.iboard.co.uk/activity/Simple-Addition-Stories-721#maths-year1numstrategy_yearreception http://www.bbc.co.uk/schools/laac/numbers/chi.shtml http://snappymaths.com/

Know number bonds to 5,6,7,8 and 9.	1+4=5 2+3=5 4+1=5 3+2=2 1+5=6 2+4=6 3+3=6 4+2=6 5+1=6	Can you instantly tell me what you need to add to 3 to make 5? Repeat with different examples… How do you know? Can you instantly repeat for number bonds to 6, 7 ,8 and 9. http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html http://snappymaths.com/
Recall the doubles of all numbers to at least 10 and up to 20.	Double 1 is 2..Double 2 is 4	I roll double 3 – what is my score? Pick a number, and then double it. What is the largest number you can double? Explain how you know your answer is right… I doubled a number and got 18… which number did I double? http://www.harcourtschool.com/activity/connect_by_5/ http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq2.html http://www.ictgames.com/duckshoot10s.html http://www.ictgames.com/fairyfog10s_v2.html http://www.ictgames.com/robindoubles.html http://www.topmarks.co.uk/maths-games/hit-the-button http://snappymaths.com/

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Africa	Examples	Can your child answer these questions?/Weblinks
Count in steps of 2,3 and 5 from 0, and in 10s from any number forwards or backwards.	2,4,6,8 1,3,5,7,9 3,6,9,12,15 33,36,39,42…. 60,57,54,51, 5,10,15, 70,65,60,55 76,86,96,	Can you count forwards in 2s from 13? Can you count forwards in 2s from 55? Count you count forwards in 2s from 76? Can you count backwards in 2s from 33? Can you count forwards in 5s from 25? Can you count forwards in 5s from 55? Count you count forwards in 5s from 80? Can you count backwards in 5s from 45? Can you count forwards in 10s from 27? Can you count forwards in 10s from 56? Count you count forwards in 10s from 80? Can you count backwards in 10s from 43?
Know by heart all number bonds that total 20. Use related facts to 100	0 + 20 = 20 1 + 19 = 20 2 + 18 = 20 Up to…. 19 + 1 = 20 20 + 0 = 20 19+81=100 17+82=100	How many pairs of numbers which total 20 can you remember? What would you add to 4 to get a total of 20? Use number cards from 1 to 19 – can you pair the numbers which make 20? What would I add to 19 to get to 100? How did you work this out using number bond knowledge? http://www.topmarks.co.uk/maths-games/hit-the-button

		http://www.arcademicskillbuilders.com/games/alien/alien.html http://www.arcademicskillbuilders.com/ http://www.bbc.co.uk/schools/laac/numbers/chi.shtml http://snappymaths.com/
Know by heart all bonds of multiples of 10 up to 100	0+100 = 100 10+90 = 100 20+80 = 100 30+70 = 100 40+60 = 100 50+50 = 100 60+40 = 100 70+30 = 100 80+20 = 100 90+10 = 100 100+0 = 100	Look at these multiples of 10… which pairs give a total of 100? !0 10 20 30 40 50 60 70 80 90 100 http://www.topmarks.co.uk/maths-games/hit-the-button http://www.oswego.org/ocsd-web/games/Ghostblasters1/gbcd.html http://snappymaths.com/
Know by heart all multiplication facts for 2 up to 10x2	0 x 2 = 0 1 x 2 = 2…Up to 10 x 2 = 20	Which is the number before 16 in the 2x table? What is the answer to 6x2? 9x2? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.mathplayground.com/balloon_invaders.html http://www.learnyourtables.co.uk/en/index2.htm http://www.arcademics.com/games/grand-prix/grand-prix.html http://snappymaths.com/

Know by heart all division facts for 2 up to 20	$20 \div 2 = 10$ $18 \div 2 = 9$… Down to $0 \div 2 = 0$	What is the answer to 16÷2? 8÷2?! Which is the missing number: x 2 = 18? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.mathplayground.com/balloon_invaders.html http://www.learnyourtables.co.uk/en/index2.htm http://snappymaths.com/
Know by heart all multiplication facts for 10 up to 10x10	$0 \times 10 = 0$ $1 \times 10 = 10$… Up to $10 \times 10 = 100$	Which is the number before 80 in the 10x table?! What is the answer to 6x10? 8x10? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.mathplayground.com/balloon_invaders.html http://www.learnyourtables.co.uk/en/index2.htm http://www.arcademics.com/games/grand-prix/grand-prix.html http://snappymaths.com/
Know by heart all division facts for 10 up to 100	$100 \div 10 = 10$ $90 \div 10 = 9$…Down to $0 \div 10 = 0$	What is the answer to 70÷10? 40÷10? Which is the missing number: ? x 10 = 60? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://snappymaths.com/

Recognise off and even numbers up to 100	22, 28, 66, 70, 88 are even numbers

31, 13, 57, 35 , 97 are odd numbers | To be even what must a number end in?
To be off what must a number end in? Tell me off numbers between 50 – 80… Tell me even numbers between 20 – 60 …

http://www.doorwayonline.org.uk/oddandeven-fullscreen.html
http://www.ictgames.com/oddEven.htm |
| Know by heart all multiplication facts for 5 up to 10x5 | 0 x 5 = 0
1 x 5 = 5… Up to
10 x 5 = 50 | Which is the number before 40 in the 5x table? What is the answer to 6x5? 8x5?

http://www.arcademics.com/games/grand-prix/grand-prix.html
http://www.topmarks.co.uk/maths-games/hit-the-button
http://www.mathplayground.com/balloon_invaders.html
http://www.learnyourtables.co.uk/en/index2.htm |
| Know by heart all division facts for 5 up to 50. | 50 ÷ 5 = 10
45 ÷ 5 = 9…Down to
0 ÷ 5 = 0 | What is the answer to 35÷5? 40÷5? Which is the missing number: ? x 5 = 25? How do you know?

http://www.topmarks.co.uk/maths-games/hit-the-button
http://www.learnyourtables.co.uk/en/index2.htm
http://www.mathplayground.com/balloon_invaders.html |

Rashid School for Boys

Australasia	Examples	Can your child answer these questions?/Weblinks
Know by heart all sums and differences of multiplies of 10 up to 100	60 + 30 = 90 70 + 80 = 150 20 + 90 = 110 !70 – 20 = 50 90 – 60 = 30 40 – 30 = 10	Add 80 and 30, tell me how you did it. Tell me all the number pairs you know with multiples of 10 which make 90. !What is the difference between 20 and 80? !Look at these multiples of 10… which pairs give a total of 100? !0 10 20 30 40 50 60 70 80 90 100 http://www.topmarks.co.uk/maths-games/hit-the-button
Know by heart all number bonds that total 100	63 + 37 = 100 41 + 59 = 100 17 + 83 = 100	What must you add to 62p to make £1.00…? I cut 35 cm off a 1m long piece of string. How much is left? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html
Know by heart all multiplication facts for 3 up to 10x3	0 x 3 = 0 1 x 3 = 3… Up to 10 x 3 = 30	Which is the number before 30 in the 10x table? What is the answer to 6x3? 8x3? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html

Know by heart all division facts for 3 up to 30	30 ÷ 3 = 10 27 ÷ 3 = 9… Down to 0 ÷ 3 = 0	What is the answer to 27÷3? 15÷3? Which is the missing number: ? x 3 = 18? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html
Know by heart all multiplication facts for 4 up to 10x4	0 x 4 = 0 1 x 4 = 4… Up to 10 x 4 = 40	Which is the number before 16 in the 4x table? What is the answer to 6x4? 9x4? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html
Know by heart all division facts for 4 up to 40.	40 ÷ 4 = 10 36 ÷ 4 = 9… Down to 0 ÷ 4 = 0	What is the answer to 16÷4? 36÷4? Which is the missing number: ? x 4 = 28? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html

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Antarctica	Examples	Can your child answer these questions?/Weblinks
Count from 0 in multiples of 4, 8, 50 and 100.	0,4,8,12,16,20,24,28,32,36 (up to 40) 0,8,16,24,32,40,48 (up to 80) 0,50,100,150.. (up to 500) 0,100,200,300 (up to 1000).	Count in 4s to 40? Count in 8's to 80? Count in 50s to 500? Count in 100's to 1000?
Find 10 or 100 more or less than a number	10 more than 26 is 36. 100 more than 26 is 126. 10 less than 26 is 16.	What is 10 more than any number between 0-1000? What is 100 more than any numbers between 0-1000? What is 10 less than any number between 10-1000? What is 100 less than any number between 100-1000?
Know by heart all multiplication facts for 8 up to 10x8	$0 \times 8 = 0$ $1 \times 8 = 8$… Up to $10 \times 8 = 80$	Which is the number before 56 in the 8x table? What is the answer to 6x8? 5x8? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html

Know by heart all division facts for 8 up to 80	80 ÷ 8 = 10 72 ÷ 8 = 9… Down to 0 ÷ 8 = 0	What is the answer to 16÷8? 64÷8? Which is the missing number: ? x 8 = 72? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html
Know by heart all multiplication facts for 6 up to 10x6	0 x 6 = 0 1 x 6 = 6… Up to 10 x 6 = 60	Which is the number before 36 in the 6x table? What is the answer to 6x6? 8x6? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html
Know by heart all division facts for 6 up to 60	60 ÷ 6 = 10 54 ÷ 6 = 9… Down to 0 ÷ 6 = 0	What is the answer to 36÷6? 48÷6? Which is the missing number: ? x 6 = 24? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html

Add and subtract numbers mentally, including a 3-digit number and ones, a 3-digit number and tens and a 3-digit number and hundreds		

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North America	Examples	Can your child answer these questions?/Weblinks
Count in multiples of 6, 7,8,25 and 1000.	0,6,12,18,24 (up to 72) 0,7,14,21 (Up to 84) 0,8,16,24,32 (up to 96) 0,25,50,75,100 (Up to 1000) 0,1000,2000 (up to10,000)	Count in 6s to 72. Count in 7s to 84. Count in 8s to 96. Count in 25s to 1000. Count in 1000 to 10,000.
Doubles any 2-digit number	Double 26 = 52 Double 97 = 194	Which numbers are missing in this sequence? 17 34 ? 136? I think of a number and half it – the answer is 55. Which number was I thinking of? How do you know? http://www.ictgames.com/woodseasy.html http://www.ictgames.com/woodcards.html http://www.topmarks.co.uk/maths-games/hit-the-button
Halve any 2 digit number	(EVEN numbers only) Half 48 = 24 Half 86 = 43 Half 96 = 48	Which numbers are missing in this sequence? 96 ? 24? Use the number 86 to explain what doubling and halving mean. http://www.topmarks.co.uk/maths-games/hit-the-button http://snappymaths.com/

Know by heart all multiplication facts for 7 up to 10x7	0 x 7 = 0 1 x 7 = 7… Up to 10 x 7 = 70	Which is the number before 56 in the 7x table? What is the answer to 6x7? 5x7? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html
Know by heart all division facts for 7 up to 70	70 ÷ 7 = 10 63 ÷ 7 = 9… Down to 0 ÷ 7 = 0	What is the answer to 14÷7? 63÷9? Which is the missing number: ? x 7 = 63? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html
Know by heart all multiplication facts for 9 up to 10x9	0 x 9 = 0 1 x 9 = 9… Up to 10 x 9 = 90	Which is the number before 54 in the 9x table? What is the answer to 6x9? 9x9? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html

Know by heart all division facts for 9 up to 90	90 ÷ 9 = 10 81 ÷ 9 = 9… Down to 0 ÷ 9 = 0	What is the answer to 36÷9? 72÷9? Which is the missing number: ? x 9 = 27? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html
Multiply any 2 digit number by 100	54 x 100 33 x 100 88 x 100	http://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide http://www.topmarks.co.uk/Interactive.aspx?cat=23
Tell the time to the nearest minute on an analogue and digital time		http://www.topmarks.co.uk/Search.aspx?q=telling+time http://www.topmarks.co.uk/Search.aspx?q=24+hour+clock&p=1 http://mathszone.co.uk/measuring/time/

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South America	Examples	Can your child answer these questions?/Weblinks
Double any number up to 1 decimal place	Double 5.7 Double 12.6	Which number did you double to get the answer 3.8? How do you know? http://www.topmarks.co.uk/maths-games/hit-the-button http://snappymaths.com/
Round any number to the nearest 10, 100 and 1000	1234 to the nearest 10, 100 and 1000. 5263 to the nearest 10, 100 and 1000.	Can you round 2, 3 and 4 digit numbers to the nearest 10, 100 and 1000? How do you know? Can you explain how you got the answer? http://www.topmarks.co.uk/Flash.aspx?f=DartboardRoundingv2 http://mathszone.webspace.virginmedia.com/mw/rounding/nearest10.swf http://mathszone.webspace.virginmedia.com/mw/rounding/nearest100.swf http://mrcrammond.com/games/gordon/Postsortingv3.swf

		http://www.bbc.co.uk/schools/mathsfile/shockwave/games/roundoff.html http://www.bbc.co.uk/schools/starship/maths/numberjumbler.shtml http://www.ictgames.com/helipad%20hops7.html
Multiply and divide mentally, including: multiplying by 0 and 1, dividing by 1, multiplying together 3 different numbers		
Recall all multiplication and division facts for all multiplication tables up to 12x12	6x7=42 12x8=96 132÷11=12 56÷7=8	Which is the missing number: 8x? = 32 The answer is 24 – which multiplication sum could it be? Which is the missing number? ?÷ 6=9 The answer is 4 – which division sum could it be? http://www.topmarks.co.uk/maths-games/hit-the-button http://www.learnyourtables.co.uk/en/index2.htm http://www.mathplayground.com/balloon_invaders.html http://www.arcademics.com/games/grand-prix/grand-prix.html http://snappymaths.com/

Know how many days are in each month	I know facts about the calendar	http://www.abcya.com/months_of_the_year.htm

Globetrotters	Examples	Can your child answer these questions?/Weblinks
Know by heart all the squares of numbers between 1 to 12	0 (=0×0) 1 (=1×1) 4 (=2×2) 9 (=3×3) 16 (=4×4) 25 (=5×5)	Can you tell me all the square numbers between 50 and 100? A number squared is 49, what is the number? https://www.mathsisfun.com/definitions/square-number.html http://www.maths.com/numbers.square.htm

		http://hotmath.com/hotmath_help/games/numbercop/numbercop.swf http://www.oswego.org/ocsd-web/games/spookyseq/spookysqno.html http://www.learntables.co.uk/square_numbers http://www.topmarks.co.uk/maths-games/hit-the-button
Count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000	10 to the power of 2=100 10 to the power of 3=1,000 10 to power of 4 is 10,000 Up to 10 to the power of 5	Count in powers of 10 – 0, 10, 100, 1000, 10,000, 100,000, 1,000,000. What is 10 to the power of 2? What is 10 to the power of 3? What is 10 to the power of 4? What is 10 to the power of 5? How did you work these out? Can you work out 5 to the power of 3?
Read Roman Numerals to 20	I can convert numbers to Roman Numerals and Roman Numerals to numbers.	http://www.snappymaths.com/counting/romnum/interactive/readrntoC/readNRtoC.htm http://www.roman-numerals.org/games.html http://www.transum.org/software/SW/Starter_of_the_day/Students/Roman_Numerals.asp