9. I know my multiplication and division facts for the 2, 5 and 10x tables (Y2) E.g. 6x2 = , 60 ÷10 =	
10. I know my multiplication and division facts for the 2, 3, 4, and 10 × tables (Y3)	

## Games and Activities:

# 9 and 10.

- Family Times Table Challenge—see school news (CD of songs/ raps)
- Times tables web sites—http://www.woodlandsjunior.kent.sch.uk/maths/timestable/interactive.htm
- The number gym number facts x table challenge.
- www.tutpup.com times tables.
- Number Gym—Bond builder and Multiplication tables as before
- Chanting/Singing/Rapping in the car or on a walk
- 10p challenge: As ten random questions for a x table. If they get them right they earn 10p!
- Roll the 1—9 dice and x by the table you are working on.
- Four in a row game in your pack. (for 2, 3, 4, 5 and 10 times table) WHEN SECURE WITH X FACTS TURN GAMES ROUND TO PRACTICE DIVISION.

11. I know all the doubles and halves for numbers to 20 (Y2) E.g. 17 + 17 = , half of 18	
12. I know the doubles and halves of multiples to 100 (Y3) E.g. double 90, half 160	
13. I know my odd and even numbers to 100 (Y2)	

## Games and Activities:

#### 11 and 12.

- Card game in your pack
- Number Gym game: Mental Maths challenge—copper challenge—Easy/harder doubles and halves
- Throw the 1—20 or multiples of ten dice.

# 13.

- Use your 100 square. Close your eyes. Point to a number. Is it odd or even?
- Car or walk challenge: parent says a two digit number and child decides whether it is odd or even
- Odd and Even Game for two or more players: The winner of the game is the first person to make 2 odd and 2 even numbers. Throw two 1-9 dice and make a 2 digit number—record on a slip of paper.



# Stottesdon C.Of E. Primary School



Name:

Class: Rea

I Can Do This	Mental Maths Skill:	I Am Working On This
	1. I know the addition facts for each number to 10 (Y2) E.g. 5 = 4+1, 2+3, 5+0 9 = 5+4, 6+3, 2+7, 1+8, 0+9	
	2. I know the subtraction facts using any number up to 10 (Y2) E.g. 9- 5, 8- 3	
	3. I know my addition and subtraction facts for any number up to 20 (Y3) E.g. 9+8, 17—9	
	4. I can find the sum or difference of any multiple of ten (Y3) E.g. 50 + 80, 120—90	

#### Games and Activities:

## <u>1.</u>

• Throw two 1—6 dice and total them (cover the six if it makes it too challenging).



 Throw one 1— 9 dice. How many different ways can you make this number?

# <u>2.</u>

- Throw two 0—9 dice subtract the smaller number from the larger number.
- Number Gym game—Bonds To 10: www.numbergym.co.uk. Bond builder and table trainer. Username: stottesdon Password:stotty2010

#### <u>3.</u>

- Number generator on our Shropshire Learning Gateway Site.
   www.shropshirelg.net. Username:c3108parent Password: Password2009.
   Choose our school—maths challenge—click on target (If another password box comes up click cancel)
- Number gym game—Bonds of 11—19: details above
- Throw the 1-20 and a 1-9 dice. Find the total or the difference. (to make easier throw two 1-9 dice)

## 4

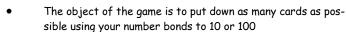
- Throw two 0—9 dice but treat each number as a multiple of 10. Find the total or difference of the numbers. (To make more challenging use the 1—20 dice with a 0-9 dice)
- Number generator on Shropshire Learning Gateway Site as above.

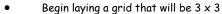
5. I know all the pairs of multiples of 10 which total 100 (Y2) E.g. $30 + 70 = 0.01 + 60 = 100$	
6. I know what must be added to any two digit number to make the next multiple of 10 (Y2)  E.g. $52 + \square = 60$	
7. I can find all the pairs of numbers that make 100 (Y3) E.g. 32 + 68 = 100, 76 + $\square$ =	
8. I know all the pairs of numbers that make 20 (Y2) E.g. 1 + 19, 2+ 18 etc	

#### Games and Activities:

#### <u>5.</u>

Number Bond Cards:





- As each card is put down check whether you can make 10. If you can, cover the two number bonds eg. 2 + 8.
- If ten comes up cover it on its own
- Pictures are worth nothing but for a bonus if you get a Jack, Queen, King together cover the sequence of three.

## <u>6.</u>

- Throw two 0—9 dice to make a two digit number. What do you have to add to make the next ten?
- Using the hundred square close your eyes and point to a number. How many do you
  have to add to make the next 10?

#### <u>7.</u>

- Number generator on Shropshire Learning Gateway Site as above
- Number gym game—Bonds to 100 (details as previously)
- Using the hundred square close your eyes and point to a number. How many do you have to add to make 100?
- Number bond tennis: 2 players
  - Player 1 serves a number less than 100 to player 2
  - Player 2 calls out the number that would make it up to 100, within a 5 second time limit.
  - If player 2 is correct they win the point and serve a number back to player 1
  - If player 2 is incorrect or runs out of time the server wins the point and serves again!

## <u>8.</u>

- Number generator on our Shropshire Learning Gateway Site as above.
- Number gym game— Bonds 100, 9, 20... (details as before)
- Pairs to 20 game in your pack
- Throw the 1—20 dice. What number do you have to add to make 20?

