

St. John the Baptist C of E Primary School Times Table Progression

1. One more/one less numbers up to 20
2. Number bonds to 10 and 100
3. Number facts up to 20
4. Addition within 20
5. Double and half numbers up to 20
6. Two and ten times table
7. Adding Multiples of 10 within a 100
8. Halving and doubling up to 50
9. Two, five and ten times tables
10. 2 numbers that total 100
11. Two, three, five and ten times tables
12. Two, three, four, five and ten times tables
13. Two, three, four, five, six and ten times tables
14. Two, three, four, five, six, seven and ten times tables
15. Two, three, four, five, six, seven, eight and ten times tables
16. Two, three, four, five, six, seven, eight, nine and ten times tables
17. Six, seven, eight, nine, ten, eleven and twelve times tables
18. Decimal point by single digit
19. Decimal point by multiple of 10
20. Missing numbers
21. Speedy tables
22. Converting units of measure
23. Fractions adding
24. Fraction subtracting simple
25. Adding mixed numbers
26. Subtracting mixed numbers
27. Fractions multiplying by whole
28. Fractions multiplying by fractions
29. Finding fractions of whole numbers
30. Dividing fractions by whole numbers
31. Fraction calculations

Planet 1 – 1 less 1 more up to 20

1 Less		1 more
	11	
	9	
	15	
	8	
	18	
	2	
	12	
	1	
	19	
	17	

1 Less		1 more
	10	
	8	
	13	
	7	
	15	
	9	
	3	
	11	
	6	
	19	

Planet 2 – Number bonds to 10 and 100

1. $1 + \underline{\quad} = 10$

11. $10 - \underline{\quad} = 10$

1. $9 + \underline{\quad} = 10$

11. $10 - \underline{\quad} = 9$

2. $4 + \underline{\quad} = 10$

12. $10 - 1 = \underline{\quad}$

2. $6 + \underline{\quad} = 10$

12. $10 - 5 = \underline{\quad}$

3. $\underline{\quad} + 7 = 10$

13. $10 - \underline{\quad} = 4$

3. $\underline{\quad} + 3 = 10$

13. $10 - \underline{\quad} = 7$

4. $\underline{\quad} + 5 = 10$

14. $10 - 9 = \underline{\quad}$

4. $\underline{\quad} + 4 = 10$

14. $10 - 4 = \underline{\quad}$

5. $2 + \underline{\quad} = 10$

15. $10 + \underline{\quad} = 100$

5. $1 + \underline{\quad} = 10$

15. $20 + \underline{\quad} = 100$

6. $\underline{\quad} + 3 = 10$

16. $30 + \underline{\quad} = 100$

6. $\underline{\quad} + 2 = 10$

16. $40 + \underline{\quad} = 100$

7. $8 + \underline{\quad} = 10$

17. $100 - 50 = \underline{\quad}$

7. $8 + \underline{\quad} = 10$

17. $100 - 70 = \underline{\quad}$

8. $10 - \underline{\quad} = 5$

18. $100 - \underline{\quad} = 90$

8. $10 - \underline{\quad} = 3$

18. $100 - \underline{\quad} = 60$

9. $\underline{\quad} - 4 = 6$

19. $100 - 30 = \underline{\quad}$

9. $\underline{\quad} - 2 = 8$

19. $100 - 40 = \underline{\quad}$

10. $10 - 3 = \underline{\quad}$

20. $70 + \underline{\quad} = 100$

10. $10 - 4 = \underline{\quad}$

20. $80 + \underline{\quad} = 100$

21. $\underline{\quad} + 60 = 100$

21. $\underline{\quad} + 30 = 100$

Planet 3 – Number facts up to 20

1. $20 = 17 + \underline{\quad}$

11. $5 + 14 = \underline{\quad}$

1. $20 = 14 + \underline{\quad}$

11. $15 + 4 = \underline{\quad}$

2. $10 + 10 = \underline{\quad}$

12. $\underline{\quad} - 8 = 7$

2. $10 + 8 = \underline{\quad}$

12. $\underline{\quad} - 9 = 9$

3. $20 - \underline{\quad} = 4$

13. $9 + 3 = \underline{\quad}$

3. $20 - \underline{\quad} = 5$

13. $11 + 3 = \underline{\quad}$

4. $13 + 7 = \underline{\quad}$

14. $17 - \underline{\quad} = 7$

4. $11 + 7 = \underline{\quad}$

14. $18 - \underline{\quad} = 6$

5. $18 = \underline{\quad} + 14$

15. $12 + 6 = \underline{\quad}$

5. $15 = \underline{\quad} + 14$

15. $11 + 7 = \underline{\quad}$

6. $9 + 11 = \underline{\quad}$

16. $2 + \underline{\quad} = 12$

6. $8 + 12 = \underline{\quad}$

16. $8 + \underline{\quad} = 12$

7. $6 + 13 = \underline{\quad}$

17. $20 - \underline{\quad} = 8$

7. $4 + 13 = \underline{\quad}$

17. $20 - \underline{\quad} = 5$

8. $5 + 7 = \underline{\quad}$

18. $5 + \underline{\quad} = 7$

8. $7 + 7 = \underline{\quad}$

18. $7 + \underline{\quad} = 7$

9. $\underline{\quad} - 5 = 12$

19. $10 + 4 = \underline{\quad}$

9. $\underline{\quad} - 5 = 13$

19. $9 + 8 = \underline{\quad}$

10. $9 + \underline{\quad} = 14$

20. $4 + 12 = \underline{\quad}$

10. $9 + \underline{\quad} = 19$

20. $6 + 14 = \underline{\quad}$

Planet 4 – Addition within 20

+	7	8	3	2	4
9					
3					
7					
11					
6					

+	4	7	6	5	8
5					
9					
6					
7					
4					

Planet 4 - continued

+	9	5	7	8	6
7					
8					
2					
9					
5					

Planet 5 doubling and halving up to 20

Halve		Double
	6	
	10	
	14	
	18	
	4	
	8	
	20	
	12	
	16	
	2	

Halve		Double
	4	
	2	
	10	
	8	
	16	
	14	
	12	
	20	
	6	
	18	

Planet 6 - two and ten times tables

x	10	2
12		
3		
5		
10		
1		
4		
7		
9		
6		
11		
2		
9		

x	10	2
2		
6		
5		
8		
6		
11		
4		
12		
9		
7		
10		
3		

Planet 7 – Multiples of 10 within 100

+	35	25	50	20	15
45					
35					
20					
15					
40					

+	40	25	30	50	10
15					
30					
25					
40					
35					

Planet 7 - continued

+	35	25	40	15	20
15					
25					
35					
55					
5					

+	45	35	25	55	70
50					
15					
35					
30					
5					

Planet 8 – halving and doubling up to 50

Halve		Double
	24	
	32	
	50	
	38	
	40	
	18	
	22	
	48	
	26	
	4	

Halve		Double
	36	
	50	
	46	
	24	
	38	
	14	
	26	
	50	
	22	
	44	

Planet 9 – 2, 5 and 10 x tables

X	2	5	10
4			
7			
10			
12			
3			
1			
5			
6			
11			
2			
8			
9			

X	2	5	10
5			
9			
11			
8			
3			
4			
2			
6			
12			
7			
10			
1			

X	2	5	10
5			
4			
6			
9			
7			
1			
3			
11			
10			
8			
2			
12			

Planet 10 – numbers that total 100

5	+		=	100
		79		
53				
76				
		87		
92				
		16		
78				
		70		
93				
		42		
55				

Planet 10 - continued

		97		
49				
62				
		21		
63				
10				
	+	64	=	100
98				
		47		
18				
		35		
52				

Planet 11 – 2, 3, 5 and 10 x tables

X	2	3	5	10
4				
7				
10				
12				
3				
1				
5				
6				
11				
2				
8				
9				

X	3	10	5	2
11				
1				
6				
9				
5				
8				
10				
2				
4				
12				
7				
3				

Planet 11 – continued

X	10	5	2	3
10				
5				
8				
3				
11				
6				
1				
4				
2				
9				
12				
7				

X	5	2	10	3
11				
4				
5				
2				
10				
1				
8				
12				
3				
7				
6				
9				

Planet 12 – 2, 3, 4, 5 and 10 times tables

X	4	3	10	5	2
1					
6					
11					
9					
5					
8					
10					
2					
4					
12					
7					
3					

X	10	5	4	2	3
10					
5					
8					
3					
11					
6					
1					
4					
2					
9					
7					
12					

Planet 12 - continued

X	3	4	10	2	5
1					
4					
10					
5					
9					
3					
11					
8					
6					
2					
7					
12					

X	3	4	10	2	5
1					
4					
12					
10					
5					
9					
3					
11					
8					
6					
2					
7					

Planet 13 – 2, 3, 4, 5, 6, 10 times tables

X	3	4	10	2	6	5
1						
4						
10						
5						
9						
12						
3						
8						
6						
2						
7						
11						

X	4	6	2	3	10	5
2						
12						
7						
9						
3						
8						
4						
11						
1						
10						
5						
6						

Planet 13 – continued

X	4	6	2	3	10	5
2						
7						
12						
9						
3						
11						
8						
4						
1						
10						
5						
6						

Planet 14 – 2, 3, 4, 5, 6, 7, 10 times tables

X	6	10	2	4	7	5	3
1							
6							
11							
9							
3							
12							
2							
7							
5							
10							
4							
8							

Planet 14 - continued

X	7	3	4	10	2	5	6
1							
6							
9							
3							
12							
2							
7							
11							
5							
10							
4							
8							

Planet 14 - continued

X	10	7	6	3	4	5	2
12							
8							
3							
7							
11							
2							
4							
6							
9							
1							
10							
5							

Planet 17 – 6, 7, 8, 9, 10, 11 and 12 times tables

X	12	6	11	7	9	8	10
6							
2							
9							
1							
4							
7							
3							
8							
5							
10							

Planet 17 - continued

X	6	10	9	11	7	12	8
9							
3							
5							
8							
2							
1							
7							
10							
6							
4							

