Numeracy Homework

Due date:_____

At St. Peter's we are committed to developing children's core mathematical skills and concepts. This includes their multiplication and division facts as they move through school. This pack is designed to help children develop their multiplication knowledge for the 2, 5 and 10 times table.

Children should complete at least two grids per week and have their time noted above the grid. When children have completed the grids in one step, they may be ready to move on to the next step.

As well as completing the grids, it would help children to master their times tables if you discuss their learning with them. This can be achieved by using the following examples of Chatterbox style questions:

'What are 3 lots of 2?'
'Count up to 20 in jumps of 2'
'Share equally 16 sweets between 2 children.'
'Here is a fact ..... '5 lots of 2 = 10'. Tell me two division facts for this fact.'

It is important to encourage children to use the correct vocabulary when discussing maths concepts as this will help them master each times table. Please remember to cover a completed grid before children start on the next one!

In addition to learning these times tables, children can start in count in steps of the other numbers to introduce other times tables. In school we are introducing these using a rolling numbers programme, where children learn to count in steps using their fingers. These can be done in the car, walking to school or almost anywhere to support learning. Examples of these have been included in each step of the booklet.

If you have any questions regarding this homework, or would like extra grids for different steps please speak to your child's class teacher.

Numeracy Homework
Stage 2.4

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

Time taken_____   Date:_____

÷	2	4	6	8	10	12	14	16	18	20	22	24
2												
÷	5	10	15	20	15	30	35	40	45	50	55	60
5												
÷	10	20	30	40	40	60	70	80	90	100	110	120
10												

This rhyme is used in class to help children learn to count in threes confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

3's

Teacher: Team! Team! Good as gold! Let me see your fingers roll …. the threes!

Class: Yeah!

3 – 6 – 9 – 12 – 15 – 18 – 21 – 24 – 27 – 30   and   33 – 36

Uh huh! This team's got it going on, going on. Oh yeah! (wave hand across chest and then bring fist down)

4's

Teacher: Year 4 ! So smart in here!

Class: Yeah!
4 – 8 (mini pause) 12 – 16 (mini pause)
This is how we roll our fours… 20 (pause)
24 – 28 (pause)   32 -36 and 40.
44 uh-huh 48 uh-huh! (pause) No doubt (pause) We rock uh-huh uh-huh!

Time taken_____   Date:_____

÷	10	18	24	12	8	16	4	20	14	6	22	24
2												
÷	10	50	35	20	45	5	30	55	15	40	60	25
5												
÷	80	30	120	50	70	10	90	40	110	60	20	100
10												

Time taken_____   Date:_____

÷	14	4	20	12	16	2	8	24	18	6	22	10
2												
÷	30	10	50	25	35	5	45	60	15	40	55	20
5												
÷	80	50	90	20	100	70	30	10	120	60	40	110
10												

Time taken_____   Date:_____

÷	10	24	2	12	20	8	16	4	22	14	6	18
2												
÷	25	10	50	30	5	60	20	40	55	15	35	45
5												
÷	40	110	10	80	30	100	60	20	90	120	50	70
10												

Time taken_____   Date:_____

÷	10	14	2	22	12	8	20	16	4	24	18	6
2												
÷	35	10	50	20	60	5	45	30	55	15	40	25
5												
÷	70	30	110	60	40	90	10	120	80	20	100	50
10												

Time taken_____   Date:_____

÷	6	14	20	4	16	12	8	24	18	10	2	22
2												
÷	45	30	15	55	25	40	10	50	20	60	35	5
5												
÷	70	20	100	60	10	80	50	120	30	90	110	40
10												

Time taken_____   Date:_____

÷	10	22	8	12	18	2	24	6	16	4	20	14
2												
÷	20	55	35	15	50	30	5	40	25	60	10	45
5												
÷	90	50	120	60	10	80	30	70	100	20	110	40
10												

This rhyme is used in class to help children learn to count in fours confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

4's

Teacher: Year 4 ! So smart in here!

Class: Yeah!
4 – 8 (mini pause) 12 – 16 (mini pause)
This is how we roll our fours... 20 (pause)
24 – 28 (pause) 32 -36 and 40.
44 uh-huh 48 uh-huh! (pause) No doubt
(pause) We rock uh-huh uh-huh!

8's

Teacher: Team! Team! Good as gold! Let me see your fingers roll ....
the eights!

Class: Yeah! 8 – 16 – 24 – 32 – 40
40 down here (punch palm once)
40 up there (punch palm once)
48 (punch palm twice) **56** (punch palm twice)
64 – 72 – 80
80 down here (punch palm once)
80 up there (punch palm once)
88 (punch palm twice) **96** (punch palm twice)
(Now stop suddenly with your arms folded, leaning back like you're tough.)

Time taken_____   Date:_____

÷	10	14	2	24	16	4	20	12	8	22	18	6
2												
÷	30	15	60	35	5	50	20	55	40	25	10	45
5												
÷	30	100	70	10	120	50	110	80	20	60	90	40
10												

Time taken_____   Date:_____

÷	12	4	22	16	10	20	2	8	24	18	6	14
2												
÷	10	40	25	55	5	50	35	15	45	30	60	20
5												
÷	30	70	10	90	40	120	60	20	110	80	50	100
10												

Time taken_____   Date:_____

÷	10	4	24	18	2	20	12	8	22	14	6	16
2												
÷	15	60	5	40	25	50	10	35	55	20	45	30
5												
÷	40	70	10	110	60	100	30	80	50	120	20	90
10												

÷	16	2	8	22	12	20	4	24	14	6	18	10
2												
÷	25	40	10	55	20	50	35	5	45	15	60	30
5												
÷	50	80	20	60	100	40	120	70	10	90	110	30
10												

÷	6	18	4	24	10	16	2	20	12	22	14	8
2												
÷	60	20	40	5	25	50	35	10	30	45	15	55
5												
÷	30	100	70	10	60	90	120	20	80	50	110	40
10												

÷	10	16	4	24	8	14	22	2	18	6	20	12
2												
÷	15	45	30	5	60	20	40	50	10	55	25	35
5												
÷	30	60	120	50	10	110	70	90	20	80	40	100
10												

÷	6	14	18	2	8	24	4	16	20	12	22	10
2												
÷	25	45	20	5	35	60	15	40	10	50	30	55
5												
÷	40	90	30	110	70	10	120	50	100	80	20	60
10												

÷	14	4	12	22	8	20	2	16	24	6	18	10
2												
÷	25	50	10	30	40	60	20	55	5	35	45	15
5												
÷	40	90	30	70	120	10	100	50	80	110	20	60
10												

÷	10	4	22	14	2	18	12	20	6	24	8	16
2												
÷	15	35	45	10	30	55	40	5	60	25	50	20
5												
÷	40	120	80	10	50	30	100	20	70	110	60	90
10												