



Stage Four – Spring Two

KIRF: I know ALL times table facts to 12x12 (x and ÷)

A times table is a list of multiples of the given number. They are very important for many calculations. This half term, the children will be learning all of their times tables including the division facts up to 12x12.

Questions to ask at home

What is 12 multiplied by 6?

What is 12 times 8?

What is 84 divided by 12?

Key vocabulary

12 multiplied by 6 is equal to 72

12 times 4 and 4 times 12 are equivalent

120 shared by 12 is equal to 10

132 divided by 12 equals 11

What can this look like?

Concrete:



$$12 \times 2 = 24$$

$$12 \times \bigcirc = 72$$

$$\bigcirc \div 12 = 5$$

Pictorial:

72



Abstract:

Twelve multiplied by ____ is equal to sixty

_____ divided by eight is equal to twelve

Things to try

Chants- Practice chanting the times table.

Speed Challenge – Take two packs of playing cards and remove the kings. Shuffle the packs and turn over two cards and ask your child to multiply the numbers together (Ace=1, Jack = 11, Queen = 12). How many questions can they answer correctly in 2 minutes? Practice regularly and see if they can beat their high score.

Websites-

<https://ttrockstars.com/> Your teacher will set TTRS to all times tables.

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144