Buckingham Park

Church of England Primary School

Excellence, through God who strengthens us

Year 4 – Multiplication Tables Check

Thursday 24th September

We will be covering…

- ✓ Multiplication
- ✓ What is the MTC?
- ✓ MTC key facts
- ✓ Preparing pupils
- ✓ Q & A

Maths – x Tables

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

Why do children find x tables daunting?

How do we *teach* this?

Maths – x Tables

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

Why are some blacked out?

What do the colours mean?

TTRS Heat Map

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

WHAT IS THE MTC?

- MTC stands for ‘Multiplication Tables Check’.
- Online quiz for year 4 children in England, set by the government.
- Pupils demonstrate their times tables skills, which they’ve been practising for years.
- Helps us to know your children are ready for year 5 maths

MTC KEY FACTS

- Must be taken in school between 7th and 18th June 2027

- Start with 3 practice questions
- Then 25 multiplication questions (no division)
  - For each question, you must enter an answer within 6s
  - 3s pause between questions

MTC RESULTS

- Full marks is 25/25 but there's no pass mark
  - Results will be shared within end of year reports

- Each school finds out the Local Authority and National average but not each other's results.
- More guidance can be found here

PREPARING PUPILS : SCHOOL

We might…

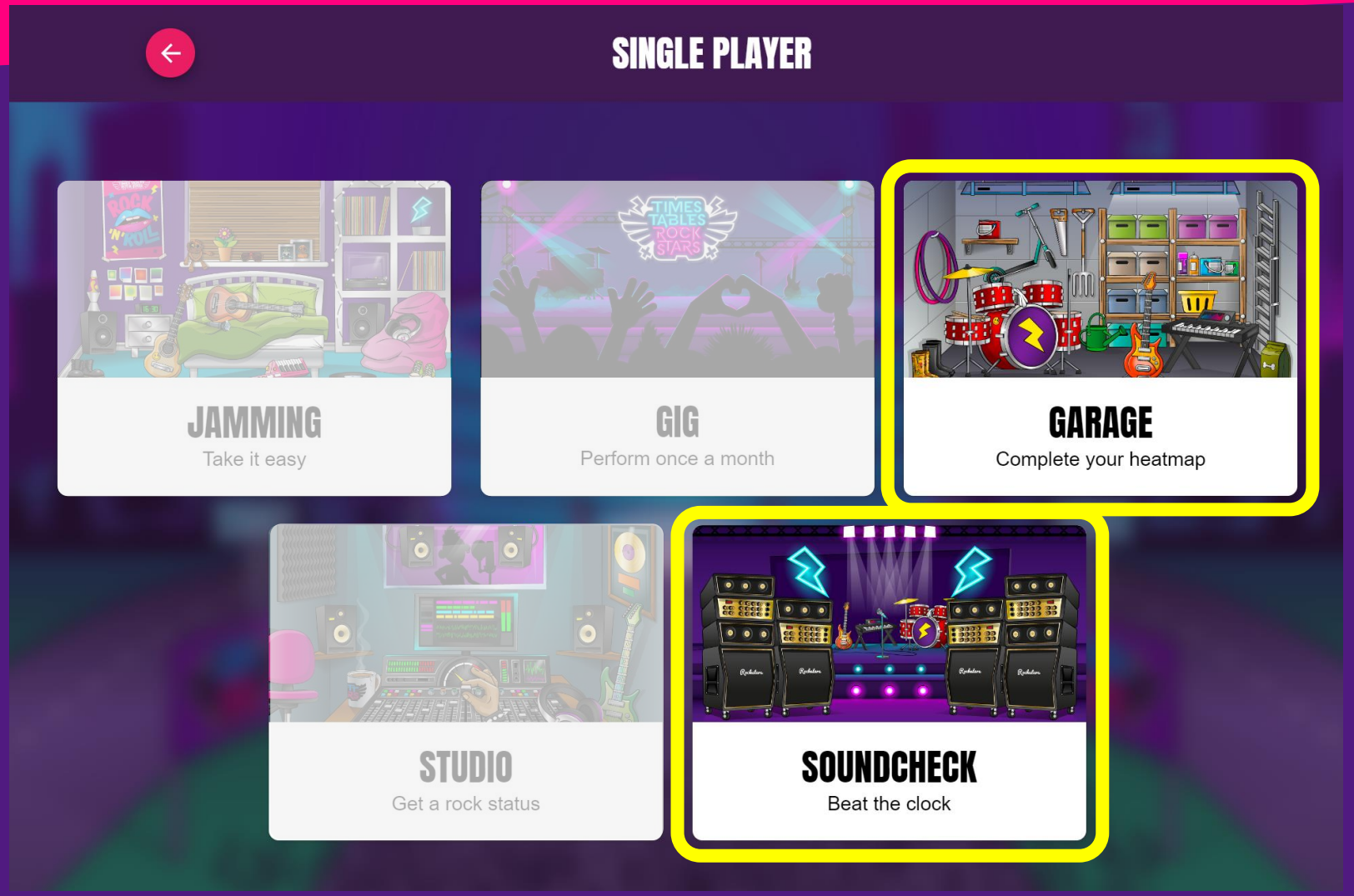
- spend a little more time learning times tables in class
- set times tables homework
- organise class tournaments

PREPARING PUPILS : OUT OF SCHOOL

- Regular, *short* verbal times tables practice
  - Kitchen, bathroom, bedroom, walking

- Play TTRS on mobile/tablet/computer
  - Those who scored 25 last year typically played 6 minutes three times a week.

BEST GAME MODES FOR YEAR 4



Q & A