

### What Next?

Decide which times table is next on the list to learn

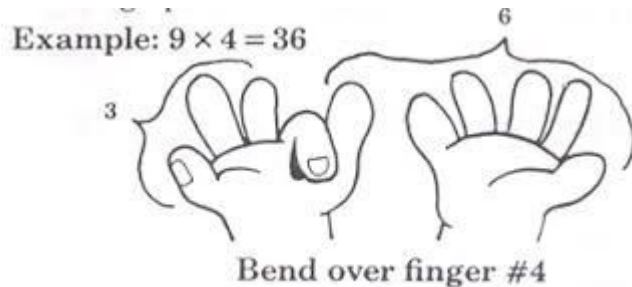
**2s, 5s, 10s      3s, 4s, 8s,      6s, 7s, 9s, 11s, 12s**

Spend time *learning* the facts -

- make the times tables out of pasta, cars, beads etc
- write a list of the times table
- create a card game
- play with the cards
- practise on TT Rockstars

Remember there are strategies for the ones that are tricky to remember

#### **9 Times table—Finger Trick**



#### **Doubling Trick**

If you know your 3 times table then your 6 times table is double

$$3 \times 3 = 9 \text{ so } 3 \times 6 = 18$$

If you know your 4 times table then your 8 times table is double

$$6 \times 4 = 24 \text{ so } 6 \times 8 = 48$$



## **LADBROOKE JMI SCHOOL**

### **GUIDE TO**

### **LEARNING AND PRACTISING**

### **MULTIPLICATION TABLES**

The expectation is that by the end of Y4 all children should know their times tables up to  $12 \times 12$ .

Year by year this looks as follows:

| End of Y1 | x10                             |
|-----------|---------------------------------|
| End of Y2 | x10, x5, x 2                    |
| End of Y3 | x10, x5, x 2, x3, x 4, x 8      |
| End of Y4 | All tables up to $12 \times 12$ |

This leaflet will support you in helping your child learn their times tables and then ways to practise so their recall of tables gets quicker.

Our target is to be able to recall any multiplication or division fact in under 5 secs.



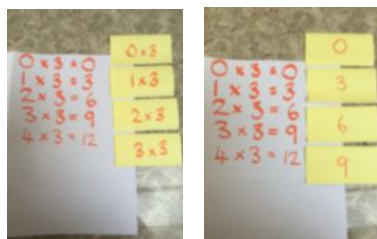
## Learning and Practising Times Tables

### How do you learn times tables?

|                 |              |                     |             |
|-----------------|--------------|---------------------|-------------|
| Learn the facts | Practise and | Games for rehearsal | Recall/test |
|-----------------|--------------|---------------------|-------------|

### 1. Learn the Facts

Cut out 12 small cards (about the size of a credit card). On one side write the multiplication sum and on the other, write the answer.



Practise by putting the multiplication sums in order and then turning over to check you know the answer.

Look for patterns in the answers

### 2. Practise and Rehearse

With the cards in order first, how quickly can you remember what is on the back?

Can you start from 0? Can you start with the biggest answer?

Now mix up the cards. Take it in turns to choose the cards. Keep the card if you are correct,. Notice the cards you leave until last—make a special effort to learn these.

### 3. Games for Rehearsal

**Play 3 in a row.** Choose the table you are on. Roll two dice and add the dice together. Multiply this number by your chosen times table and write the answer in the box. The winner is the first person to get three correct answers in a row.

E.g. If I am doing my 4 times table and a roll a 3 and a 4.  
 $3 + 4 = 7$ . Multiply 7 by 4 to get 28 and I write 28 in the box under the 7 ( see below)



|   |   |   |   |   |   |    |   |   |    |    |    |
|---|---|---|---|---|---|----|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7  | 8 | 9 | 10 | 11 | 12 |
|   |   |   |   |   |   | 28 |   |   |    |    |    |

## Learning and Practising Times Tables

### Game Board

## Three in a row

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



Working in pairs

You each need a different colour pencil

Roll your dice (if I roll 5 I need to work out  $3 \times 5$ )

Write the answer in the correct square

The winner is the person who gets 3 in a row first

### TT Rockstars



As a school we have subscribed all children to TT Rockstars. Each child will have a username and a password. Teachers will set your child times tables to learn and your child can go on and play.

There are 2 main solo games they can play. **Garage** is a solo game where the teacher has set the times tables to practice. This is the best way to improve your tables knowledge. **Studio** tests your child on all the tables up to  $12 \times 12$ . It is Studio that your child's rock speed is calculated. As your child gets quicker, they will increase their Rock Status.

|            |                     |             |                 |
|------------|---------------------|-------------|-----------------|
| <1 second  | Rock Hero           | <7 secs     | Unsigned Artist |
| <2 seconds | Rock Legend         | <8 seconds  | Gigger          |
| <3 seconds | Rock Star           | <9 seconds  | Busker          |
| <4 seconds | Headliner           | <10 seconds | Garage Rocker   |
| <5 seconds | Support Act         | >10 seconds | Wannabe         |
| <6 seconds | Breakthrough Artist |             |                 |

**REMEMBER** our aim is be under 5 seconds for each times table. Have a go and try to improve your time and beat the teachers!