

CHILTON PRIMARY SCHOOL

Maths help sheet for 'Multiplication'

Below are some handy tips to help your child remember multiplication facts and tables. Different children use different types of strategies to assist their memory. They learn through movements matched to facts to be learned (**kinaesthetic**); presenting facts, numbers or methods visually (**visual**); saying, chanting, singing, using rhymes, raps, music (**aural**); learning through writing and recording (**written**), and giving them an awareness of the structure of which the facts are a part (**patterning**)

- Counting in fives, twos, tens etc.
- Nine times-table using fingers e.g. $3 \times 9 = 27$ Fold down third finger
- Actions to go with tables facts e.g. eight eights are sixty-four - clap clap, knock on the floor
- Chanting as whole number sentences - one six is six, two sixes are twelve
- Chanting as lists of multiples - six, twelve, eighteen, - forwards and backwards
- Make a rap or tune
- Times tables CD - rapping ones
- Tables songs
- Tables bingo
- Tables dominoes
- Practise random multiplication facts
- Make up rhyming words for 'difficult' facts - "six sevens are forty-two, boo-hoo-hoo;" "eight eights are sixty-four, what a bore" Or use different voices - low, high, squeaky, loud, soft, tired, excited ... in the voice of a frog, elephant, mouse, lion ...
- Use flash cards
- Writing their tables
- Writing multiples - $5 \rightarrow 10 \rightarrow 15 \rightarrow 20 \rightarrow 25 \rightarrow 30 \rightarrow 35 \rightarrow 40 \rightarrow 45$ and look for a pattern
- Writing out number facts as 'sums with holes' $7 \times \square = 56$
- Write lists or notices of key facts - **Remember!** 56 is 7×8
- Use a 100 grid and highlight different multiples i.e. 3,6,9,12 etc.
- Use a multiplication grid with 1x, 2x, 5x, 9x, 10x, shaded
- Make a multiplication table and cross out all the facts you know. Then focus on the ones to learn - you'll find there's not as many as you thought!
- Use empty number line and record steps/jumps of 3 along the line
- Use multiplication number fan for finding multiplication number facts
- Google - multiplication tables - lots of interactive web sites for learning the tables
- Chanting times tables in different places i.e. car