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Yorke Mead Primary School

Parent and child workshops 19.09.18

Multiplication tables and how to learn them





Guidance Multiplication tables check: development update

Information for primary schools and other interested parties about the development of an online times tables check to be administered by schools to year 4 pupils from the 2019 to 2020 academic year onwards.

Published 14 February 2018 Last updated 9 July 2018 — <u>see all updates</u> From: <u>Standards and Testing Agency</u>



Expectations in the National Curriculum

Year	NC statement
1	count in multiples of twos, fives and tens
2	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables
3	recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
4	recall multiplication and division facts for multiplication tables <u>up to</u> <u>12 × 12</u>
5	identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)



Pasta, lego, cars, beads...





Then check: $0 \times 3 = 3$









$4 \times 3 = 12$

X3 =

3

-

Continue up to 12 x 3



Make your own card game



Play to rehearse and learn

With the card in order first:

- How quickly can you remember what is on the back?
- Can you start from 0? Can you start from the biggest answer?
- Then mix up the cards:
- Take turns choosing cards you keep the card if you are correct
- Notice which cards you leave until last make a special effort to learn these.



Times Table Strategies

What might help, if you can't remember the fact:

Doubling/Halving (x2, x4, x8) (x3 to x6) One lot more, one lot less Near 2s, 5s and 10s Squares Zero effect (____ x 0 = 0) Switch it (5 x 8 = 8 x 5) Tricks e.g. 9s Songs and rhymes



What do I do now?

- 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 them (pasta, cars, beads...)
 - write the list,
 - create the card game,
 - play with the cards
- Remember there are strategies for the ones which are tricky to remember





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