Rocket Card Year 3

LIFT OFF!

Captain
Mixed tests for all steps

Chief Navigator	Pilot	First Mate
Mixed steps 1-3	Mixed steps 4-6	Mixed steps 7-9

Step 9
a) Derive division facts for the 7 times table to the 12th multiple *(i.e. 42 ÷ 7 = ?)*
b) Mentally add and subtract ones, multiples of ten and multiples of a hundred to a 3-digit number to 1,000 *(i.e. 786 + 200, 587 – 50)*
c) Count in 0.1s and 0.5s to 10 (*i.e. 0.9. 1, 1.1, 1.2 etc.)*

Step 8
a) Recall times table facts for the 7 times tables to the 12th multiple (*i.e. what is 5 x 7?)*
b) Derive division facts for the 9 times table to the 12th multiple *(i.e. 81 ÷ 9 = ?)*
c) Find 10 or 100 more/less than a number to 1,000 (*i.e. what is 100 more than 561?)*
d) Mentally subtract two 2-digit numbers to 100 (*i.e. 76 - 22*)

Step 7
a) Recall times table facts for the 9 times tables to the 12th multiple (*i.e. what is 7 x 9?)*
b) Mentally add and subtract multiples of 10 to and from a 3-digit number to 1,000 (*i.e. 667 + 30, 945 – 40*)
c) Recall doubles and corresponding halves of numbers to 100 (*i.e. double 45 = 90, so half of 90 = 45*)
d) Mentally add two 2-digit numbers to 100 (*i.e. 45 + 33*)

Step 6
a) Derive division facts for the 6 times table to the 12th multiple (*i.e. 24 ÷ 6 = ?)*
b) Count in halves and quarters to 10 (i*.e. ¼, ½, ¾, 1, 1 ¼ etc*.)
c) Mentally add and subtract single-digits to and from a 3-digit number to 1,000 (*i.e. 467 + 7, 832 – 6*)
d) Recall and use addition and subtraction facts for multiples of 100 to 1,000 (*i.e. 700+300=1,000, 1,000–300=700*)

Step 5
a) Derive division facts for the 8 times table to the 12th multiple (*i.e. 48 ÷ 8 = ?)*
b) Recall times table facts for the 6 times tables to the 12th multiple (*i.e. what is 9 x 6?*)
c) Derive and use addition and subtraction facts for multiples of 5 to 100 (*i.e. 45 + 55 = 100, 100 – 25 = 75*)

Step 4
a) Derive division facts for the 4 times table to the 12th multiple (*i.e. 36 ÷ 4 = ?)*
b) Recall times table facts for the 8 times table to the 12th multiple (*i.e. what is 6 x 8?)*
c) Mentally add and subtract multiples of 10 to and from a 3-digit number to 200 (*i.e. 134 + 30, 156 – 40*)
d) Add and subtract 19 by adding/subtracting 20 and then adjusting (*i.e. 45 + 19 = 45 + 20 – 1*)

Step 3
a) Recall times table facts for the 4 times table to the 12th multiple (*i.e. what is 9 x 4?)*
b) Add and subtract 9 by adding/subtracting 10 and then adjusting (*i.e. 57 + 9 = 57 + 10 – 1*)
c) Mentally add and subtract single-digits to and from a 3-digit number to 200 (*i.e. 145 + 7, 172 – 6*)

Step 2
a) Count back in multiples of 4 to the 12th multiple (*i.e. 36, 32, 28, 24 etc.)*
b) Recall doubles of numbers to 100 (*i.e. what is double 46?)*
c) Count on and back in tens from any number to 200 (*i.e. 87, 97, 107, 117 etc*.)

Step 1
a) Recall division facts for the 3 times table to the 12 multiple (*i*.e. 24 ÷ 3 = ?)
b) Count in multiples of 4 to the 12th multiple (*i.e. 4, 8, 12, 16 etc.)*
c) Recall multiplication and division facts for the 2, 3, 5 and 10 times tables to the 12th multiple

Each child will be told which objective to begin with. These will then be taught in class as mental maths starters alongside home learning.	At the end of each week, the children will sit a short 10 question Rocket Test (as appropriate).	For a child to move on to the next step, they need to show that they are able to meet each of the objectives within the step that they are working on.	When a step is completed, each child will receive a certificate during Rewards Assembly and a prize.	Please support your child at home and contact your child's class teacher if you have any questions.