Long Ridings Division Policy

Step 1

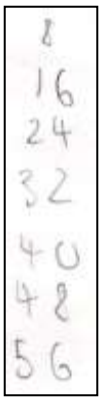
- Develop confidence of 'grouping' and 'sharing equally'.
- Learn and use the basic vocabulary of multiplication and division.
- Use lots of practical equipment and jottings.
- Learn to count up and back in 2's, 5's and 10's.
- Chanting/acting/rehearsal of basic table facts.

Examples of suggested resources:
Numicon
Bead strings
Multilink or other 'interesting objects' to group
Multiplication/division cards and games

Step 2

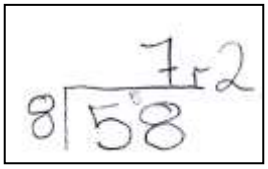
- Jottings and practical resources.
- **Target: Know 2, 3, 4, 5, 6 and 10 times tables.**
- Understand that division is the inverse of multiplication and use learnt facts.
- Begin to understand and use remainders.
- Begin to work on 3, 4 and 6 times tables and division facts.
- Use practical problem solving and investigation.

Examples of suggested resources:
Numicon
Times table square
Multilink or other 'interesting objects' to group
Place value counters



Step 3

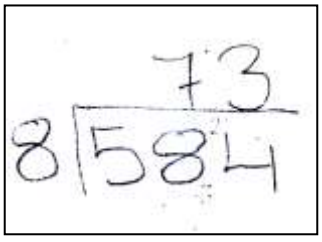
- **Target: Know all times tables and recall the corresponding division facts.**
- Introduction of a formal short written method (bus stop) to calculate TU ÷ U, then HTU ÷ U in Yr3/4
- Expect to estimate a 'sensible' answer.
- Jot down the table, if required, to support the short method.



Examples of suggested resources:
Place value counters
Numicon
Multilink or other 'interesting objects' to group
Times table square

Step 4

- **Target: Division by 10 and 100**.
- Extend formal short written method to HTU ÷ TU, calculating the remainder if required.
- Expect to estimate a 'sensible' answer.
- Where the divisor is greater than 10, jot down the table to support the short method.



Examples of suggested resources:
Place value counters
Numicon
Times table square
Sliding place value cards

Step 5

- Don't ignore informal strategies (mental calculations).
- Chose when to use written calculations and when to use mental methods, i.e. 153 ÷ 51.
- Extend formal short written method to decimals when appropriate.
- Where the divisor is greater than 10, jot down the table to support the short method.
- Calculate the answer to a decimal, fraction or remainder as required.

Examples of suggested resources:
Place value counters