**CHECKLIST FOR TOPIC ONE:** WHOLE NUMBER SKILLS

* **a method for addition** : algorithm p8 , or another preferred strategy
* **a method for subtraction** : algorithm p9, or other preferred strategy (make sure you know how to deal with the zeros p10- also subtracting several numbers, p11),
* **YOUR TIMES TABLES!**
* **1 sure method for multiplication.** Suggested: algorithm or grid p 20

Further methods p20-30 (useful but optional)

* **1 sure method for division** (p38) I have shown you short method.

\*\*Request long method (p38) or further methods if you want them.

* **All rounding methods** (p24-26)
* **All 'KEY CONCEPTS'** -

multiplying zeros p24, drill 7, rounding p24, estimation of multiplication p26, dividing by numbers with zeros p 32, drill 8

* **Estimation of division** p35
* How to solve word problems. Do all the examples p18,23,38,39.

**CHECKLIST: FURTHER SKILLS**

* **Integers** (positive and negative numbers)
* **BEMA or BEDMAS** rules and operations
* Comparing/ordering **decimal numbers**
* **Addition and subtraction** of decimals,
* **Multiplication of decimals.**
* **Division of decimals including dividing by a decimal**
* **What to do with decimal ‘remainders’ when you divide.**
* **Multiplying and dividing decimal numbers by powers of 10, (10, 100, 1000…)**
* **Rounding to one significant figure, 2sf, and estimation of decimal multiplication and division**
* **Scientific Notation** or standard form.
* Again it is important to practise:

All key concepts

All exercises with word problems.

Extension Work: pages with black borders round the edge. This work is optional but if you are ahead with your study and working toward an A pass, you should try these too.