TV addicts

Ask your child to keep a record of how long he / she watches TV each day for a week. Then ask him / her to do this.

♦ Work out the total watching time for the week.
♦ Work out the average watching time for a day
    (that is, the total time divided by 7).

Instead of watching TV, you could ask them to keep a record of time spent eating meals, or playing outdoors, or anything else they do each day. Then work out the daily average.

Four in a line

Draw a 6 x 7 grid.
Fill it with numbers under 100.

26	54	47	21	19	5	38
9	25	67	56	31	49	13
39	41	6	1	75	28	90
14	50	81	23	43	4	37
45	29	72	34	7	58	17
36	2	55	11	22	40	42

♦ Take turns.
♦ Roll three dice, or roll one dice three times.
♦ Use all three numbers to make a number on the grid.
♦ You can add, subtract, multiply or divide the numbers,
    e.g. if you roll 3, 4 and 5, you could make 3 x 4 – 5 = 7,
    54 ÷ 3 = 18, (4 + 5) x 3 = 27, and so on.
♦ Cover the number you make with a coin or counter.
♦ The first to get four of their counters in a straight line wins.

Rhymes
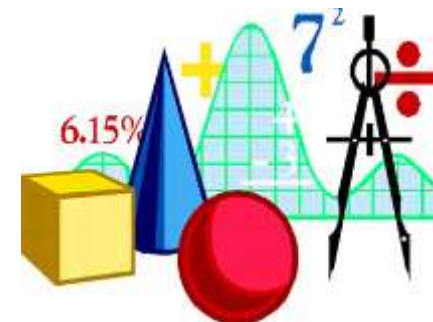
Make up rhymes together to help your child to remember the harder times-tables facts, e.g.
6 x 7 = 42 phew! 7 x 7 = 49 fine! 6 x 8 = 48 great!

Ladbrooke JMI School

Year 6 maths targets.

This booklet provides information for parents and carers on the end of year expectations for children in our school.

The objectives show some of the mathematical skills your child should be able to do by the end of year 6. These will be worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your children to achieve these is greatly valued.

If you have any queries regarding the content of this booklet or want support in knowing how best to help your child please talk to your child's teacher.

The Year 6 Learner

Can …

- Use negative numbers in context and calculate intervals across zero.
- Compare and order numbers up to 10,000,000.
- Identify common factors, common multiples and prime numbers.
- Round any whole number to a required degree of accuracy.
- Identify the value of each digit to 3 decimal places.
- Use knowledge of order of operations to carry out calculations involving four operations.
- Use estimations to check answers to calculations.
- Multiply:
    - 4-digit by 2-digit
- Divide:
    - 4-digit by 2-digit
- Add and subtract fractions with different denominators and mixed numbers.
- Multiply simple pairs of proper fractions, writing the answer in the simplest form.
- Divide proper fractions by whole numbers.
- Calculate % of whole number.
- Solve problems involving relative sizes of 2 quantities and missing numbers
- Use simple formulae
- Express missing number problems algebraically
- Read, write and convert between standard units of measure.
- Find unknown angles.
- Draw, translate and reflect shapes.
- Describe positions on the full coordinate grid
- Draw, translate and reflect simple shapes
- Interpret and construct pie charts and line graphs
- Calculate and interpret the mean as an average

Fun activities to do at home

Favourite food

- Ask your child the cost of a favourite item of food.
  Ask them to work out what 7 of them would cost, or 8, or 9.
  How much change would there be from £50?
- Repeat with his / her least favourite food.
  What is the difference in cost between the two?

Sale of the century

- When you go shopping, or see a shop with a sale on, ask your child to work out what some items would cost with:
  50% off
  25% off
  10% off
  5% off

- Ask your child to explain how she worked it out.