### Mathematics

**Number**
- Count in steps of 2, 3 and 5 forward.
- Recognise the place value of each digit in a two-digit number (tens, ones).
- Find and show numbers on a number line.
- Read and write numbers to 100 in words.
- Add or subtract three single digits.
- Solve simple problems with addition and subtraction.
- Multiplication and division arrays.

**Addition and subtraction**
- Answer addition and subtraction maths problems using objects or pictures.
- Solve addition and subtraction problems and show explaining step by step.
- Answer problems with addition and subtraction using number facts to 20 and other number facts up to 100.
- Add and subtract numbers using objects or pictures to help.
- Add and subtract two-digit numbers using objects.
- Add or subtract three numbers such as 2 + 5 + 9.
- Know that adding two numbers together can be done in any order but subtracting numbers can only be done in one order.
- Check answers or solve missing number problems by doing an inverse check.

**Money**
- Know and use the symbols for pounds (£) and pence (p) and can add together different amounts of money.
- Find different combinations of coins that equal the same amounts of money.
- Solve money problems such as how much change do I get from 50p if I buy an apple for 35p?

**Multiplication and division**
- Know the 2 and 5 and 10 times tables.
- Use multiplication (×), division (÷) and equals (=) signs when writing out times tables.
- Solve multiplication and division problems using times table facts and objects or pictures.

### English

**Transcription**
- Consistently spell words correctly by saying them out loud.
- Learn how to spell words that do not follow a spelling pattern.
- Learn new ways for spelling words which sound the same but have different meanings.
- Write from memory simple sentences dictated by a teacher.

**Composition**
- Write long and more detailed stories about real things that have happened.
- Writing poetry - animals, autumn and Christmas.
- Planning or saying out loud what they are going to write about.
- Learning how to edit and evaluate work, re-read my work to make sure it makes sense.

**Vocabulary, Grammar and Punctuation**
- Use full stops, capital letters, exclamation marks and question marks.
- Learn how to use sentences with different forms: statement, question, exclamation and command.
- Learn how to use suffixes such as -ful, -less.
- Learn how to use the present and past tenses correctly and consistently.

**Handwriting and Presentation**
- Daily handwriting practice.
- Start using some of the diagonal and horizontal strokes needed to join letters.

### Science

**Animals including humans**
- Animal Babies- Notice that animals, including humans, have offspring which grow into adults, by describing the changes to animals as they grow.
- Growing and changing- perform simple tests, by testing if children get faster as they get older.
- Basic needs- find out about and describe the basic needs of animals for survival (water, food and air).
- Healthy Eating, exercise and hygiene - explore the importance for humans.

**Uses of everyday materials**
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.