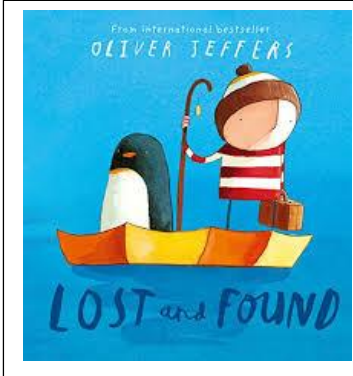


Hillside Maths Key Learning Overview

Year 1

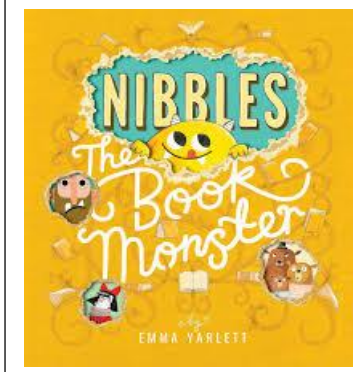
Y1 Autumn Term

Text – Lost and Found by Oliver Jeffers



Opportunities to link text:

Text – Nibbles by Emma Yarlett



Opportunities to link text:

Number: Place Value (within 10)

Count to 10 forwards and backwards, beginning with 0 or 1, or from any given number.

Count, read and write numbers to 10 in numerals and words.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

Number: Addition and Subtraction (within 10)

Represent and use number bonds and related subtraction facts within 10.

Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

Add and subtract one digit numbers to 10 including zero.

Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.

Geometry: Shape

Recognise and name common 2D shapes (including for examples rectangles including squares, circles and triangles).

Recognise and name common 3D shapes (including for example cuboids, cubes, pyramids and spheres).

Number: Place value (within 20)

Count to 20, forwards and backwards, beginning with 0 or 1, from any given number.

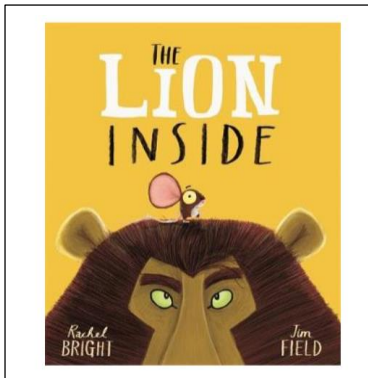
Count, read and write numbers to 20 in numerals and words.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

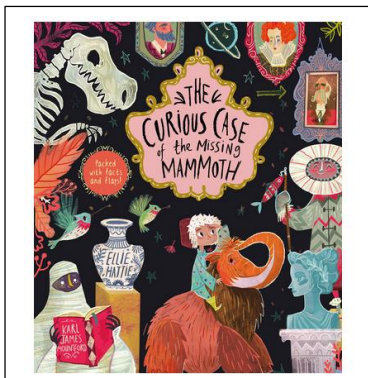
Y1 Spring Term

Text - The Lion Inside by Rachel Bright



Opportunities to link text:

Text - The Curious Case of the Missing Mammoth by Ellie Hattie



Opportunities to link text:

Number: Addition and Subtraction (within 20)

Represent and use number bonds and related subtraction facts within 20.

Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

Add and subtract one-digit and two-digit numbers to 20, including zero.

Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$

Number: Place value (within 50)

Count to 50 forwards and backwards, beginning with 0 or 1, or from any number.

Count, read and write numbers to 50 in numerals.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line and use language of: equal to, more than, less than (fewer), most, least.

Count in multiples of twos, fives and tens.

Measurement: Length and Height

Measure and begin to record lengths and heights.

Compare, describe and solve practical problems for: lengths and heights (for example long/short, longer/ shorter, tall/ short, double/half).

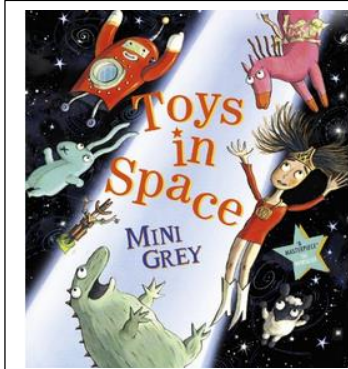
Measurement: Weight and Volume

Measure and begin to record mass/weight, capacity and volume.

Compare, describe and solve practical problems for mass/weight (for example heavy/light, heavier than, lighter than), capacity and volume (for example full/empty, more than, less than, half, half full, quarter)

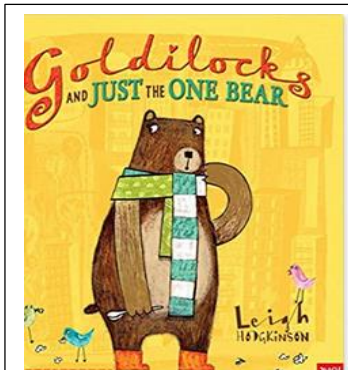
Y1 Summer Term

Text – Toys In Space by Mini Grey



Opportunities to link text:

Text - Goldilocks and just the one bear by Leigh Hodgkinson



Opportunities to link text:

Number: Multiplication and Division

Count in multiples of twos, fives and tens.

Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Fractions

Recognise, find and name a half as one of two equal parts of an object, shape or quantity.

Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Compare, describe and solve practical problems for: lengths and heights (for example long/short, longer/shorter, tall/short, double/half).

Compare, describe and solve practical problems for: mass/weight (for example heavy/light, heavier than/ lighter than), capacity and volume (for example full/ empty, more than, less than, half, half full, quarter).

Geometry: Position and Direction

Describe position, direction and movement, including whole, half, quarter and three quarter turns.

Number: Place Value (to 100)

Count to and across 100, forwards and backwards, beginning with 0 or 1, form any given number.

Count, read and write numbers to 100 in numerals.

Given a number, identify one more and one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least.

Measurement: Money

Recognise and know the value of different denominations of coins and notes.

Measurement: Time

Sequence events in chronological order using language (for example before, after, next, first, today, yesterday, tomorrow, morning, afternoon and evening).

Recognise and use language relating to dates, including days of the week, weeks, months and years.

Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

Compare, describe and solve practical problems for time (for example quicker, slower, earlier, later).

Measure and begin to record time (hours, minutes, seconds).