



**Class: Sea Otters 3/4    Teacher: Ms V.    Support Staff: Mrs Bott    Autumn 1    7 weeks**

**\*Oral and mental starters**

**Fluent in 5**

**\* Daily Roman numeral song (before home time)**

<https://www.youtube.com/watch?v=z1UmAgekzbs>

**Week One (Place Value)** Vocab – Whole number, Decimal number, Ones/ Units, Decimal place, Tens, Tenths, Hundreds, Hundredths, Thousands, Thousandths, Ten thousands, Round to the nearest, Hundred thousands, Negative integers, Millions, Count through zero, Roman numerals  
Represent numbers to 100 (Friday)  
Curriculum links – Ancient Egypt  
Problem solving – Rapid reasoning and problems in class  
Practical resources – Place value chart

**Week Two (Place Value)** Vocab – Whole number, Decimal number, Ones/ Units, Decimal place, Tens, Tenths, Hundreds, Hundredths, Thousands, Thousandths, Ten thousands, Round to the nearest, Hundred thousands, Negative integers, Millions, Count through zero, Roman numerals  
Tens and ones using addition  
100s 10s and 1s  
Hundreds  
Count in 1000s  
Numbers to 1,000  
Curriculum links – Ancient Egypt  
Problem solving – Rapid reasoning and problems in class  
Practical resources – Place value chart

**Week Three (Place Value)** Vocab – Whole number, Decimal number, Ones/ Units, Decimal place, Tens, Tenths, Hundreds, Hundredths, Thousands, Thousandths, Ten thousands, Round to the nearest, Hundred thousands, Negative integers, Millions, Count through zero, Roman numerals  
Numbers to 1,000 on a place value grid – Activity  
Represent numbers to 10,000 – Activity  
100s, 10s and 1s  
1000s 100s 10s and 1s  
Partitioning  
Curriculum links – Ancient Egypt  
Problem solving – Rapid reasoning and problems in class  
Practical resources – Place value chart

**Week Four (Place Value)** Vocab – Whole number, Decimal number, Ones/ Units, Decimal place, Tens, Tenths, Hundreds, Hundredths, Thousands, Thousandths, Ten thousands, Round to the nearest, Hundred thousands, Negative integers, Millions, Count through zero, Roman numerals

Find 1,000 more or less

Compare numbers

Compare 4-digit numbers

Order numbers

Count in 50s

Curriculum links – Ancient Egypt

Problem solving – Rapid reasoning and problems in class

Practical resources – Place value chart

**Week Five (Place Value)** Vocab – Whole number, Decimal number, Ones/ Units, Decimal place, Tens, Tenths, Hundreds, Hundredths, Thousands, Thousandths, Ten thousands, Round to the nearest, Hundred thousands, Negative integers, Millions, Count through zero, Roman numerals

Count in 25s

Round to the nearest 10

Round to the nearest 100

Round to the nearest 1,000

Negative numbers

Curriculum links – Ancient Egypt

Problem solving – Rapid reasoning and problems in class

Practical resources – Place value chart

**Week Six (Addition and Subtraction)** Vocab – Add, Decrease, Altogether, Difference, Increase, Fewer, More, Leave, Plus, Less, Sum, Minus, Total, Subtract, Take away

Add and subtract multiples of 100

Add and subtract 100s

Spot the pattern - making it explicit

Add and subtract 1s, 10s, 100s and 1,000s

Add and subtract 3-digit and 1-digit numbers - not crossing 10

Curriculum links – Ancient Egypt

Problem solving – Rapid reasoning and problems in class

Practical resources – Place value chart

**Week Seven (Addition and Subtraction)** Vocab – Add, Decrease, Altogether, Difference, Increase, Fewer, More, Leave, Plus, Less, Sum, Minus, Total, Subtract, Take away

Add two 3-digit numbers – not crossing 10 or 100

Add 3-digit and 1-digit numbers - crossing 10

Add two 4-digit numbers – no exchange

Add and subtract 3-digit and 2-digit numbers - not crossing 100

Add 3-digit and 2-digit - cross 100

Curriculum links – Ancient Egypt

Problem solving – Rapid reasoning and problems in class

Practical resources – Place value chart