

## Predator – are you ready to walk on the wild side! Year 3 & 4 Autumn Term 2

### In Maths:-

Year 3: Use place value to add and subtract 1s, 10s, 100s to and from 2-digit and 3-digit numbers; add and subtract near multiples of 10 from 3-digit numbers. Year 4: Add and subtract 3-digit and 4-digit numbers using place value; add and subtract near multiples from a 3-digit number. Use place value grids and begin to record jottings on empty number lines.

Year 3: Know pairs of multiples of 5 totalling 100. Know pairs of 2-digit numbers totalling 100. Mental subtraction of numbers on either side of 100 by counting up. Year 4: Written subtraction of 3-digit numbers using decomposition; choose a subtraction calculation strategy. Methods used include expanded decomposition, 'clever counting', Frog/counting up subtraction, recording jottings on empty number lines.

Year 3: Tell the time to five minutes using analogue, digital and Roman numeral clocks. Understand and use am/pm times appropriately. Collect data and display using bar graphs or pictograms. Year 4: Tell the time to the nearest minute using analogue, digital and Roman numeral clocks. Use am/pm times appropriately. Convert units of time, work out time intervals crossing the hour, collect data and organise into bar charts and pictograms.

Year 3: Know multiplication facts for 3 and 4 times tables, derive corresponding division facts. Divide by 2, 3, 4, 5 and 10, including giving remainders. Year 4: Use grid method to multiply a 2-digit number by a 1-digit number. Use chunking on a number line to divide numbers just beyond the tables, leaving no remainders. Methods used for written division include: chunking and for written multiplication: grid method

Year 3: Understand concept of a fraction of a shape and quantity. Find fractions of a quantity:  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{3}{4}$ ,  $\frac{2}{3}$ . Year 4: Divide two-digit numbers by single-digit numbers, just above the 10th multiple with remainders, using written layout. Count in quarters, thirds and tenths saying the equivalent fractions. Find unit fractions and non-unit fraction of amounts. Methods used include empty number lines, chunking and short division.

### In Literacy

#### Spoken Language

Articulate and justify answers, arguments and opinions.

Participate in discussions, presentations, performances, role play, improvisations and debates.

Consider and evaluate different viewpoints, attending to and building on the contribution of others.

#### Writing

Non-fiction, recognize and use simple organizational devices including paragraphs, headings and sub-headings.

Compose sentences progressively building a varied and rich vocabulary and an increasing range of sentence structures.

Assess the effectiveness of their own and others' writing and suggest improvements

Fiction, create settings, characters and plot using adjectives, adverbs for effect.

#### Reading.

Read books that are structured in different ways and read for a range of purposes.

Prepare poems and playscripts to read aloud and perform, showing understanding through intonation, tone, volume and action.

Retrieve and record information from non-fiction.

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### In Art we will learn

To improve our mastery of Art and Design techniques, including drawing, painting and sculpture, with a range of materials (e.g. pencil, clay, paint, charcoal.) when creating images of predators.

### In Geography we will learn

Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies.

Use maps atlases and globes to locate countries and describe features being studied

### In PE we will learn how to

Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending.

### In Science we will learn

Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.

Identify that humans and some other animals have skeletons for support, movement and protection

Identify and describe the functions of different parts of a flowering plant and the way in which water is transported within plants.

Describe in simple terms how fossils are formed

### In Computing we will learn

How to use search technologies safely and effectively when researching different predators. Use coding to control and simulate physical systems.

### In DT we will be evaluating a range of 'Owl' related products and then designing and making our own using a wide range of materials, e.g. pencil cases, soft toys, bags etc.

## Predators Year 3 & 4



## Autumn Term 2

In French, we will be practicing, through song and oral work:

Numbers 1 -50, colours, classroom objects and instructions. As well as asking and answering questions,

What is your name? How old are you? Where do you live?

### In Music

All children will be developing their singing voice.

Year 3 will be learning to play the recorder and Year 4 will begin to learn Bollywood Brass using our plastic trumpets and pbones.

### In PSHE.

We will continue to learn about the core values and how they affect are attitudes to learning.

### RE

We will be looking at journeys and in particular the Christmas Journey