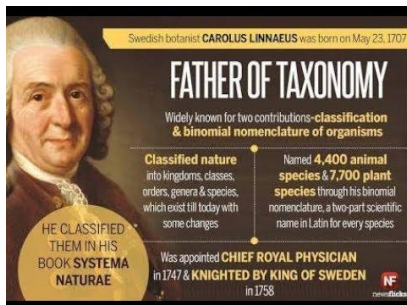


## Autumn Term 2021-22 Topic Webs

### Mrs Simpson's Class

#### Science

Living things and their habitats ▪ recognise that living things can be grouped in a variety of ways ▪ explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment ▪ recognise that environments can change and that this can sometimes pose dangers to living things. ▪ describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird ▪ describe the life process of reproduction in some plants and animals. ▪ describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals ▪ give reasons for classifying plants and animals based on specific characteristics.



#### Maths

- **Place Value**

Place value in 4- and 5-digit numbers

Place numbers on a line

Place value addition; rounding

Place numbers on lines; decimals

- **Addition & Subtraction**

Column addition; mental subtraction

More add/sub; choose strategies

- **Multiplication and Division**

Mental multiplication and division

- **Time**

Tell the time; timetables

- **Fractions**

Fractions of amounts

Equivalent fractions; +/- fractions

- **Place Value**

Deepen understanding of place value

Add/ subtract powers of 10

- **Addition & Subtraction**

Subtraction strategies

Add and subtract near multiples

Mental addition and subtraction

Consolidate written add/sub strategies

- **Multiplication and Division**

Written methods – multiplication

Written methods - division

- **Shape**

Explore 2-D shape

Deepen understanding of 3-D shapes

#### English

Children will read historical fiction, including excerpts from *War Horse* by Michael Morpurgo. They will consider descriptions of characters and settings as a preliminary task before moving on to WW2 fiction; they will read the books *Blackout 1944* by T. Bradman and *Peter in Peril* by H Bate, with a consideration of the different genres of the books.

Children will study poems on a theme. They will watch *What Do You Want To Be?* and then plan, write and perform their own poem about hopes for future careers. They incorporate metaphors and other imagery from poems they have read, including from verse by Langston Hughes and Maya Angelou.

#### Reading Comprehension

We will use a variety of texts from different sources to work on the skills of answering written comprehension questions as well as continuing with regular guided reading and reading at home.

#### Spelling and Grammar

Using metaphors, personification, alliteration, onomatopoeia, synonyms, concrete and abstract nouns, homophones your and you're, tenses, suffixes and prefixes. There will be revision of other grammar skills and punctuation depending on the style of writing.

In spelling, we will continue to progress through their lists along with looking at spelling exceptions and ways to remember spellings.

Handwriting will be linked with spellings