Year 5 Spring Term 1

Curriculum Overview



Outcomes:

- Children design their own dragon, write a non-fiction report on it and present in class encyclopaedia form **Key Objectives Covered:**

1) Apply knowledge of morphology and etymology when reading new words. 2) Maintain a positive attitude towards reading and an understanding of what they read.3) Read, discuss and become more familiar with a broad range of genres and texts, including: non-fiction and reference books or textbooks. 4) Recommend books to peers, giving reasons for their choices.5) Make comparisons within and across books. 6) Check that a book makes sense, discuss understanding and explore the meaning of words in context. 7) Ask questions to improve understanding 8) Identifying how language, structure and presentation contribute to meaning 9) Summarise the main ideas from more than one paragraph, identify key details that support the main ideas. 10) Distinguish between statements of fact and opinion 11) Retrieve, record and present information from non-fiction

Speaking and Listening 1) Listen and respond appropriately to adults and peers

- 2) Ask relevant questions to extend knowledge and understanding Articulate and justify answers, arguments and opinions
- 4) Maintain attention and participate actively in collaborative conversations
- 5) Speak audibly and fluently with an increasing command of standard English
- 6) Participate in discussions, presentations, performances, role play, improvisations and debates 7) Select and use appropriate registers for effective communicatio

Vocabulary, Grammar and Punctuation

(Curriculum requirements covered through GAPS programme of study and Daily Morning Sentence)

Number: Fractions

Mathematics

and punctuation errors

effect, Choice - questio

Revise and consolidate knowledge of:

ly opener, -ed opener, -ing opener,

Target Sentences

If, then Sentence

English

Compare and order tractions whose denominators are multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write

mathematical statements >1 as a mixed number [for example 2/5 + 4/5 = 6/5 = 1 1/5]. Add and subtract fractions with the same denominator and denominators that are multiples of the same

number.

Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. Read and write decimal numbers as fractions [for example 0.71 = 71/100].

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.



Science

Outcomes:

- Children can describe some of the key sugges in the life cycle of a flowerin
- plant and name its male and female parts - Children can describe meth tion and dispersal
- Children can explain the phrase "optimum growing conditions" and plan a fair test to compare the growth of seeds.

Key Objectives Covered:

- Working Scientifically Plan different types of scientific enquiry to answer questions including recognising and controlling variables where necessary.
- Take measurements using scientific equipment and with accuracy and
- precision.
- Recording data in a variety of ways.
- Making predictions, setting up comparative and fair tests
- Reporting and presenting findings
- All Living Things and Their Habitats
- Describe the life process of reproduction in some plants and animals.

- **Outcome:**
- Children can compare reasons for areas of

dictionaries to check the spelling and meaning of words 2) Use a thesaurus Handwin

drawing on reading and research where necessary. Draft and write by: 6) Selecting

tence, BO

Presentation (Most curriculum requirements covered through weekly handwritin

writing through unit) 3) Write legibly, fluently and with increasing speed Comp

writing by: 4) Identifying the audience for and purpose of their writing, selecting

form and using other similar writing as models for their own. 5) Noting and de

- settlement.
- -Can identify the countries that Vikings travelled to for trade.
 - Understand key aspects of physical and human geography
 - Use maps, atlases, globes and digital/computer mapping

Template created by Michael Tidd 2013

Dragons

Computing

-Children to use Flowol to create simple autonomous programs. -Children able to debug program to find and remove programming errors. -Children able to explain the need for autonomous software / hardware and how it can benefit / alter human lifestyles.

Key Objectives Covered:

ence, selection and repetition in programs; work with variables bus forms of input and output.

-select, use and combine a variety of software on a range of digital devices to design and create content that accomplishes a given goal.

ns for areas of Children can compare

-Can identify the countries that Vikings travelled to for

- Understand key aspects of physical and human geography
- Use maps, atlases, globes and digital/computer mapping

- Children broaden their knewledge and understanding of musical notation and time signatures including out simple and compound time. Children apply this knowledge a derstanding and become familiar with traditional and folk songs using those time patterns.

ves Covered:

Pupils develop an understanding of musical composition, organising and g ideas within musical structures and reproducing sounds from

- use and understand staff and other musical notations

-appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and

- develop and understanding of the history of music.

Religious

- Children learn about Judaism with focus on places of worship, festivals and the

ev Objectives Covered:

See locally agreed syllabus for RE.

Education