Coverage of the National Curriculum in Year 4 (Tern Class) at Marlborough

Reading

Secure decoding of unfamiliar words.

Read for a range of purposes. Retell some stories orally.

Discuss words and phrases that Plan writing based on familiar capture the imagination.

Identify themes and conventions. Organise writing into Retrieve and record information . paragraphs. Use simple Make inferences and justify predictions.

Recognise a variety of forms of poetry.

Identify and summarise ideas.

Number/Calculation

Know all tables to

Writing

Correctly spell common homophones.

Increase regularity of handwriting.

forms.

English

organisational

Proof-read for spelling and punctuation errors.

Evaluate own and others' writing. Read own writing aloud.

Grammar

Use wider range of conjunctions. Use perfect tense appropriately. Select pronouns and nouns for

clarity. Use and punctuate direct speech Use commas after front

adverbials.

Speaking and Listening

devices. Articulate and justify opinions. Speak audibly in Standard

English. Gain, maintain and monitor interest of listeners.

12 x 12. Secure place value to 1000. Use negative whole numbers. Round numbers to nearest 10,

100 or 1000. Use Roman numerals to 100 (C). Identify acute, obtuse and right Column addition and subtraction up to 4 digits.

Multiply and divide mentally.

Mathematics Geometry and Measures

Compare 2-d shapes, including quadrilaterals and triangles. Find area by counting squares. Calculate rectangle perimeters. Estimate and calculate measures.

angles.

Identify symmetry.

Use first quadrant coordinates. Use standard short multiplication. Introduce simple translations.

Data

Use bar charts, pictograms and line graphs.

Fractions and decimals

Recognise tenths and hundredths.

Identify equivalent fractions. Add and subtract fractions with common denominators.

Recognise common equivalents. Round decimals to whole numbers.

Solve money problems.

the changing environment of Mesopotamia in

the Maya civilization from around 900-1500 AD.

Art & Design

Use sketchbooks to collect, record and evaluate ideas.

Improve mastery of techniques such as drawing, painting and sculpture with varied materials.

Learn about great artists, architects and designers.

Design & Technology

Use research and criteria to develop products which are fit for purpose.

Use annotated sketches and prototypes to explain knowledge and describe key physical and

Evaluate existing products and improve own work.

Use mechanical systems in own work. Work with the school cook and kitchen

team to increase an understanding of seasonality; prepare and cook mainly savoury dishes.

Modern Languages

Continue to speak Mandarin Chinese

Skype:

with a native tutor in Beijing via

asking and answering questions showing an understanding of words and phrases. developing appropriate pronunciation.

Further develop an appreciation of past and Present Chinese culture; stories, songs, poems and rhymes.

Computing

Design and write programs to achieve specific goals, including solving problems.

> Use logical reasoning, eq Music Machine.

Understand what's in a computer and how networks work.

Creating a website.

Use the internet safely and appropriately.

Collect and present data appropriately.

Geography

By studying desert regions increase and rainforest world locational

human deography aspects, including: climate zones, biomes and vegetation belts rivers and the

water cycle; land use, economic activity, the distribution of natural resources including food and water. Use 8 point compass points and 4-figure grid references in related mapwork.

Use fieldwork to observe, measure and record the

human impact on the Fal estuary.

Music

Use voice and increasing accuracy. expression.

instruments with control and

Improvise and compose music.

Listen with attention to detail.

Appreciate a wide range of live and recorded music an begin to appreciate its context and history.

Education **Physical**

Use running. jumping, catching and throwing in isolation and in combination

Play competitive games, modified as appropriate

Develop flexibility and control in gym, dance and athletics

Compare performances to achieve personal bests

Aim to develop efficient swimming strokes and to achieve proficiency in 25 metres.

Religious

Education

Learning about

Religion Christianity - the Bible God; the Christian way of life; the Church; Christianity in Cornwall.

Sikhism - the Gurus; beliefs; values; 5 Ks; cultural and religious comparisons; community traditions and worship.

Learning from Religion

Reflect on belonging to a faith community; living in Cornwall; sources of inspiration, right and wrong. Discuss their own and others' views of religious truth and belief.

Science

Biology

Classify living things. Digestive system. Teeth.

Food chains.

Chemistry

Changes of state. The water cycle.

Physics

Sound as vibrations.

Electricity: simple circuits and conductors.

History

The rise and fall of the ancient Sumerian civilization of Sumer - urban settlements and the 6th and 5th centuries BCE.

Aspects of the post-classic period of

Pendennis Castle and the coastal defenses of the Fal estuary during the Tudor and /or Stuart periods.