



Year 6 Curriculum Newsletter

Term 3, 4 and 5 – Glorious Galapagos!



Ship ahoy!

We're off on an exciting expedition with Charles Darwin to the glorious Galapagos Islands. See the spectacular volcanoes here and look at the amazing species that helped Darwin develop his theory of evolution by natural selection.

Do you know what's so special about a lava lizard? Or why the blue-footed booby has blue feet? See how animals adapt to their environment over time and meet some of the world's greatest explorers and naturalists!

Imagine how humans will evolve in millions of years. It's a scary thought!
Ready to trace the origins of species? Let's set sail!

Numeracy - Mental Maths / Calculating:

Partition, read, round and order numbers with up to 3d.p.
Read numbers with up to 9 digits.
Recognise the value of each digit.
Order and round numbers with 3 decimal places.
Order and round 8 digit numbers to the nearest power of 10.
Count forwards and backwards in powers of 10.
Continue to recite all times tables facts.
Count back into negative numbers.
Read a mark between two known amounts (including on graphs, charts and measuring cylinders).
Count forwards and backwards in 0.1, 1,10,100,0.2, 2, 20, 200, 0.5, 5, 50,500, 2.5, 25,250.
Understand prime numbers and find prime numbers up to 100.
Multiply and divide whole numbers and decimals by 10, 100 & 1000.
Mental addition of numbers with 2d.p by partitioning.
Mental subtraction of numbers with 2d.p by counting on.
Divide a 3d number by a 1d or 2d number mentally with jottings.
Column addition with up to 3d.p.
Column subtraction with up to 3d.p.
Column multiplication with 1 digit or 2 digit numbers multiplied by either 1d.p or 2d.p number.
Column division with a 4d number divided by a 2d number.

Numeracy – Main Maths:

Work with ratios and scale factors (e.g. scales in maps).
Convert between fractions, decimals and percentages.
Simple algebraic formulas.
Recognising metric and imperial units of measure and making comparisons between them.
Calculate areas and perimeter – squares / rectangles/ parallelograms / triangles.
Calculate volumes.
Plot co-ordinates.

Literacy – Writing:

Non-fiction

Documentary – Galapagos islands in the style of David Attenborough
Non-chronological reports – Galapagos Wildlife
Persuasion – Visit the Galapagos Islands
Balanced arguments – Should we continue building on the Galapagos Islands to meet increasing tourism demands?
Persuasion – Formal letter and informal speech – Dr Seuss: The Lorax

Narrative

Story, setting and character descriptions – Dr Seuss: The Lorax

Literacy – Grammar and Punctuation:

Use a hyphen to avoid ambiguity.
Punctuate bullet points to list information.
Use of colon to introduce a list and the use of semi colons within lists.
Link ideas across paragraphs using a wider range of cohesive devices.
Use of the passive to affect the presentation of information in a sentence.
The difference between vocabulary typical of informal speech and vocabulary appropriate for formal speech.
The use of the subjunctive in very formal writing and
Layout devices eg headings, subheadings, columns, bullets, tables.

Literacy – Spelling:

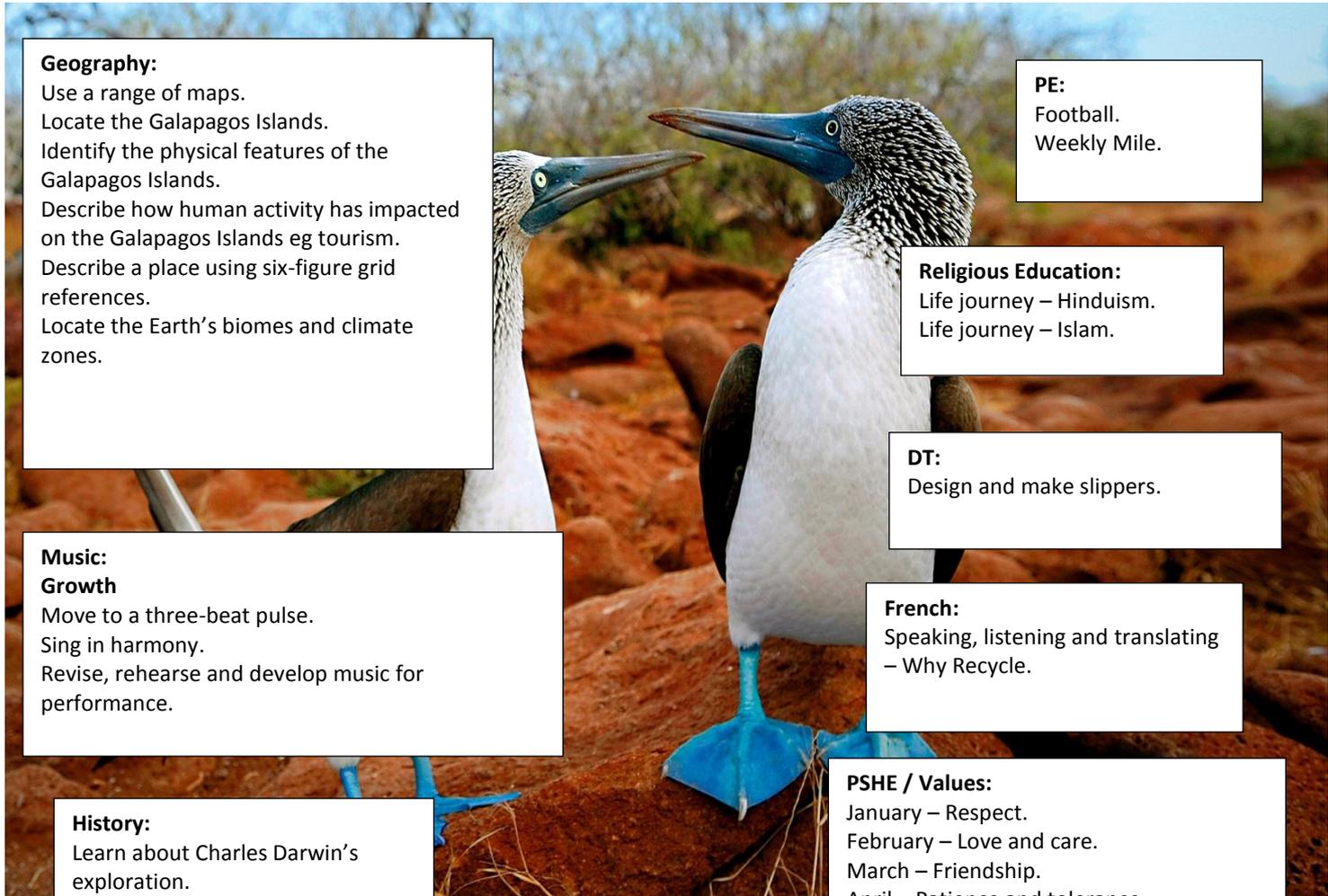
Homophones and other words that are often confused.
Words ending in -ible and -ibly.

Literacy - Reading:

Vocabulary - Work out the meaning of unknown words from the context given and evaluate how authors use language considering the impact on the reader.
Inference - Explain and justify inferences with evidence from the text.
Predict - Make predictions using clues from the text.
Explain - Identify the purpose, audience and organisation of texts.
Retrieve - Retrieve and record information.
Summarize - Summarize main ideas; identifying key details; using quotations for illustration.

Science:

Recognise that living things have changed over time.
Produce life-cycles of mammals, amphibians, insects and birds.
Classify plants and animals.
Learn about inheritance including natural and artificial selection.
Plan and carry out investigations.
Record data.
Report and present findings – DNA.



Geography:

Use a range of maps.
Locate the Galapagos Islands.
Identify the physical features of the Galapagos Islands.
Describe how human activity has impacted on the Galapagos Islands eg tourism.
Describe a place using six-figure grid references.
Locate the Earth's biomes and climate zones.

PE:

Football.
Weekly Mile.

Religious Education:

Life journey – Hinduism.
Life journey – Islam.

DT:

Design and make slippers.

Music:

Growth

Move to a three-beat pulse.
Sing in harmony.
Revise, rehearse and develop music for performance.

French:

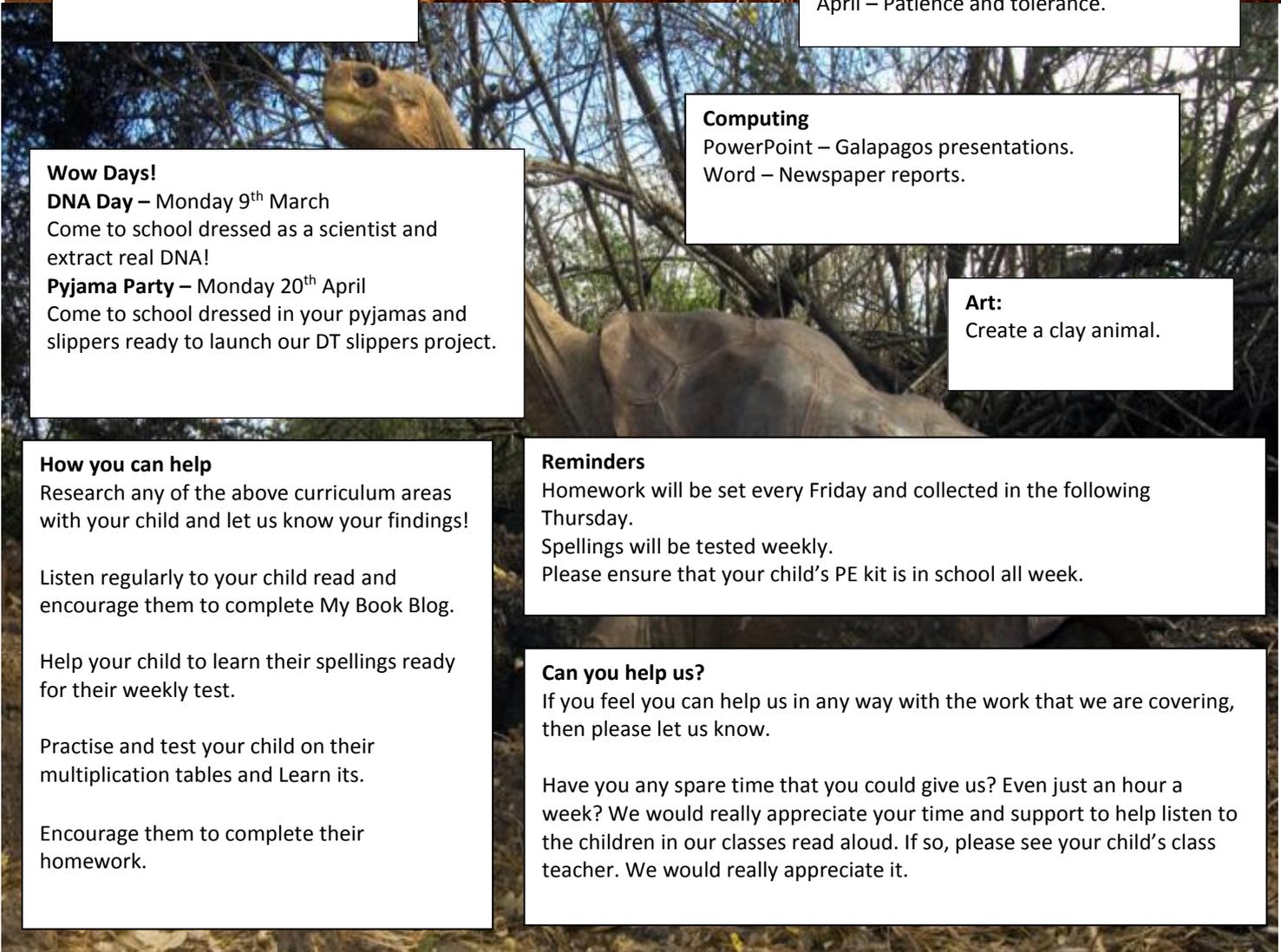
Speaking, listening and translating
– Why Recycle.

History:

Learn about Charles Darwin's exploration.

PSHE / Values:

January – Respect.
February – Love and care.
March – Friendship.
April – Patience and tolerance.



Computing

PowerPoint – Galapagos presentations.
Word – Newspaper reports.

Art:

Create a clay animal.

Wow Days!

DNA Day – Monday 9th March

Come to school dressed as a scientist and extract real DNA!

Pyjama Party – Monday 20th April

Come to school dressed in your pyjamas and slippers ready to launch our DT slippers project.

How you can help

Research any of the above curriculum areas with your child and let us know your findings!

Listen regularly to your child read and encourage them to complete My Book Blog.

Help your child to learn their spellings ready for their weekly test.

Practise and test your child on their multiplication tables and Learn its.

Encourage them to complete their homework.

Reminders

Homework will be set every Friday and collected in the following Thursday.

Spellings will be tested weekly.

Please ensure that your child's PE kit is in school all week.

Can you help us?

If you feel you can help us in any way with the work that we are covering, then please let us know.

Have you any spare time that you could give us? Even just an hour a week? We would really appreciate your time and support to help listen to the children in our classes read aloud. If so, please see your child's class teacher. We would really appreciate it.