

Knowledge & Skills Organiser – Yr R/1/2 Tawny Owls Brisley Summer Term

Subjects covered in the national curriculum:

Geography/History

Naming the continents and oceans of the World. Learning about the physical and human features of each continent.

Learn about Mary Anning, her life and discoveries and Charles Darwin, his life and his discoveries.

Maths

YR

Numbers to 20 and beyond.
Adding more/taking away.
Doubling/sharing and grouping.
Even and Odd.
Patterns and relationships.
Spatial Reasoning

Y1/2

Reasoning and Word Problems
Number: Place Value / Addition and Subtraction/Fractions/Multiplication and Division

Geometry: Shape, Position and Direction

Measure: Mass/Weight, Capacity and Volume/Money/Time

Statistics

RE

Why do people have different views about the idea of 'God'?

English

Narrative- Dinosaurs

The Dinosaur that Pooped a Planet (YR)
Harry and the Bucketful of Dinosaurs (YR)
The Dragon Machine (Y1/2)
Ocean Meets the Sky (Y1/2)

Exploring poetry - Animal Poetry- Rumble in the Jungle (YR/1/2)/ Tell Me A Dragon (Y1/2)

Non-fiction: Information text on dinosaurs/animals and writing facts (YR)
writing an information booklet about a chosen animal/dragon encyclopaedia (Y1/2)

Diary - captain's log (Y1/2)

Instructions - how to build a boat (Y1/2)

Animal Mania



RSHE

My Rights and Responsibilities / Asking for Help

Money what is it for?/ Pocket Money

Enrichment

Zoo/Dinosaur Park trip

Art/DT

Art- Drawing, printing and painting different animals and their habitats considering camouflage, patterns and symmetry.

D.T. - Moving pictures. Designing and making a picture with two moving mechanisms. Use their design criteria to evaluate it.

Computing

YR: Creating simple programs using Beebots. Using commands, predicting outcomes.

Y1: Introduction to animation. programming blocks to use, modify, and create programs. Introduction to algorithms.

Y2: Debugging simple programs.. Use, modify designs and evaluate.

Science

Naming parts of the body and senses. Naming, grouping and classifying animals. Understand what animals need to survive.

Seasonal changes in weather.

Longitudinal study - Butterfly growing

The skills you will develop in this topic:

Geographical skills and fieldwork: use maps, atlases, globes and digital/computer mapping to locate continents and oceans and describe features studied ♣ understand geographical similarities and differences through studying the human and physical geography of each continent.

Art: ♣ use a range of materials creatively to design and make products ♣ use drawing, painting and sculpture to develop and share their ideas, experiences and imagination ♣ develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space

Design Technology ♣ Explore a range of existing products ♣ Design and make a moving picture based on design criteria, exploring mechanisms e.g. levers and sliders. ♣ generate, develop, model and communicate their ideas through talking, drawing, templates and mock-ups ♣ select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] ♣ select from and use a wide range of materials and components ♣ evaluate their ideas and products against design criteria

History ♣ the lives of significant individuals in the past who have contributed to national and international achievements – Mary Anning and Charles Darwin.

Science asking relevant questions and using different types of scientific enquiries to answer them ♣ making systematic and careful observations and, where appropriate, taking accurate measurements ♣ recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables ♣ reporting on findings from enquiries, including oral and written explanations ♣ using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions ♣ observe changes across the four seasons; the weather associated with these seasons and how day length varies. ♣ identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals ♣ identify and name a variety of common animals that are carnivores, herbivores and omnivores ♣ describe and compare the structure

of a variety of common animals. Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

RE: discussion and reasoning, exploring ideas (theology), comparing and developing lines of enquiry (social human science), reflection, sharing and discussing views.

RSHE: to understand the concept of privacy, including the right to keep things private and the importance of respecting another person's right to privacy, to know what money is and how it can be used safely.

The knowledge I will need to know:

Geography- Where are the continents and oceans? What animals live there? What is the weather like there? What features does it have?

History – Who is Mary Anning? What did she discover? Where did she make her most famous discoveries? Who is Charles Darwin? What do we know about his discoveries?

Science – What is the weather like in Summer? What happens to the length of the day? What parts of the body can you name? What are the 5 senses called? What are carnivores, herbivores and omnivores? What are mammals, fish, reptiles, birds and amphibians?

RE- I will know how people from different faiths celebrate festivals like Ramadam and Eid, Baisakhi, Diwali. I will understand how these celebrations bring people together. I will know why people have different views of God.

RSHE: I will know what private means, I will know that some things are done in private, I know that other people need to be private sometimes, I can describe what money is? Where it can be kept safe and how money is accessed/ earned?

Home Learning ideas:

- Research about each continent thinking about weather, animals that live there and any special features it has.
- Read stories with animals in.
- Choose an animal and research and write facts about it.

Vocabulary I need to know:

Geography –field, river, coast, cliff, ocean/sea, map, globe, feature, key, human, physical, rural, city, town, village, forest, buildings, continent, Africa, Asia, South America, North America, Europe, Australia, Antarctica, season, weather.

History – Charles Darwin, Mary Anning, Galapagos Islands, Caribbean, Asia, expedition, explorer, fossil, palaeontologist,

Science – fish, mammal, reptile, amphibian, bird, herbivore, carnivore, omnivore, touch, sound, taste, smell, sight, head, knees, feet, toes, hands, fingers, neck, arms, legs, body, grouping, sorting, classifying, compare, identify, same, different.

Art –design, observe, colour, material, paint, texture.

D.T – make, plan, evaluate, criteria, tools, appeal, practical, equipment, template, slider, lever, mechanism.

Computing- YR: Instructions, robot, sequence, turn, left, right. Y1: Control, program, code, predict, mistake, turn, instructions. Y2: Algorithm, program, software, code, predict, distance.

RE – Agnostic, Allah, Atheist, Brahman, God, Humanist, Theist

RSHE- privacy, money, pocket money, public, rights, bank, special.

By the end of our topic the children will:

Have an opportunity to present their learning to other children and adults.