Topic Objectives – Nat Curr

To 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

To give reasons for classifying plants and animals based on specific characteristics

To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

To use world maps, atlases and globes and digital/computer mapping to locate countries and features studies

To select, use and combine a variety of software on a range of digital devices to design, create

To solve problems by decomposing them into smaller parts

To use sequence, selection and repetition in programs; work with variables and various forms of input and output

To locate the world's countries, using maps to focus on Europe and North and South America, concentrating on environmental regions, key physical and human characteristics, countries and major cities

To name and locate countries and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features and land use patterns and understand how these have changed over time

To identify the position and significance of latitude, longitude, equator, northern and southern hemisphere, the tropics, Arctic and Antarctic circle, the Prime/Greenwich Meridian and time zones

Knowledge

- To know specific names of parts of plants
- To know the regions of the world and be able to specifically name and locate on a globe
- To have a growing knowledge of different climates and environments
- To know why characteristics are important for classification
- To know animals adapt to suit their environment leading to evolution

Skills

Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary

Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate

Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs

Flowers and Plants Year B Year 5/6

Learning Links

Geographical skills location knowledge and fieldwork

KS1 - Animals / Pets

LKS2 - Minibeassts

Assessment

End of Topic review

On-going marking – wow and now – school policy

Collins connect Assessment

Vocabulary

Classify, observation, characteristics, adaption, environment, features, composition, decomposition, sequence, selection, location, environmental, geographical, topographical, latitude, longitude, equator, hemisphere, tropics.