World Explorers Activity List: *For KS2 choose four activities and for KS1 choose three activities plus a reserve. List your choices on your booking form.*		**Locations and time**
1. Frank Oates World Explorer *NC link (History/Geography/Science): significant events and individuals in history/ hot and cold areas of the world, continents, knowledge of different peoples and cultures/habitats.*	Who was Frank Oates and what did he do? A visit to the Frank Oates Gallery of the museum, learning about the naturalist's travels through Southern Africa and Central America. This session includes object handling of craft items and/or natural history items along with age-appropriate discussion of the issues raised by colonial exploration.	Museum 45mins
2.Bugs & Birds: **Bug Bingo (KS1)/Bio Blitz (KS2)** *NC link (Science): adaptations, habitats, classification*	Bug hunting and bird watching in the grounds with a focus on micro habitats and classification. Activities vary seasonally but can include investigating log piles, leaf litter and using sweep nets to catch butterflies and other meadow creatures.	Gardens 1 hour
3.Animal Adaptations *NC link (Science/Geography): evolution and inheritance, habitats/hot and cold areas of the world, continents.*	Why is a penguin different from a parrot? Identifying how different creatures are adapted to their habitats, this session makes use of the taxidermy in the museum and includes handling bones, skins and feathers.	Museum 45 mins
4.Hunting and Tracking *NC link (Science): seasonal change, plant lifecycles, habitats, food webs.*	We're going on a scavenger hunt! Find clues in nature that show seasonal changes and hunt for signs of the creatures large and small who call our meadow home.	Gardens 45 mins
5. Zambesi River Sticks *NC link (Geography/PE): features of a river, water cycle/ outdoor adventurous activity*	The Zambesi River, visited by Frank Oates, has many amazing features, including the famous Victoria Falls. Work in teams to recreate the river and its features using sticks and other natural materials. Then flow along your river and use actions to highlight the features and follow the water cycle!	Gardens or Field Studies Centre 30 mins
6. Map Makers *NC links (Geography): observational field work, devising a simple map*	When exploring a new area, making and using maps is an important skill! Learn to measure distances and create a simple map; can another team use your map to find their way to a marked location?	Gardens 45 mins
7. Compass Orienteering (KS2) /Alphabet Orienteering (KS1) *NC links (Geography/PE): points of a compass/outdoor adventurous activity*	Navigating across unknown terrain is important for explorers! Learn to read a compass and work in teams to follow an orienteering trail around our grounds. For KS1, use a simple map to navigate to marked locations.	Gardens 30 mins
8. Semaphore Signaling *NC link (PE): outdoor adventurous activity*	How did explorers communicate before mobile phones and satellite technology? Learn how to use flags to send a mystery word to the other half of your team.	Gardens or Field Studies Centre 30 mins
9. Story Telling – We're Going to find A Waterfall! *NC link (English/Geography): listening and understanding skills/ knowledge of diverse people and places*	An interactive story session based on Frank Oates' journey to the Victoria Falls. Can you help sort out the curious items he has sent home from his travels?	Field Studies Centre 30 mins
10. Explorer Challenge (KS2 only) *NC link (PE/Geography): outdoor adventurous activity, points of a compass, using a map.*	The Explorer challenge counts as **two options** being a longer session involving orienteering, signaling and compass work. Children work in teams to find hidden objects which relate to the themes of the day.	Gardens 1 hour 15 mins