Medium term planning for Key Stage 1 Summer Term 2 Dinosaur planet (science base topic) Child initiated suggestions

	Literacy	Geography	Art& design	Computing	PE	Maths	Science	RE	History	Music	French
Skills	To gain information from a variety of sources. To write stories with detailed characters. To perform to an audience, suing appropriate voice. Talk to an adult or peer about what they are going to write Recognise and join in with predictable, familiar phrases in stories and poetry. Re-read what they have written to check it makes sense. Engage in imaginative play, representing simple characters and situations in everyday speech, gesture or movement.	To identify continents. Locate areas on the map.	Select and explain why they have chosen a particular tool for a task. Select and explain choice of materials, sometimes with help Use modelling materials to create a realistic or imagined for. Describe the sensory properties of a range of different materials and decide which ones to use when making something.	To use drawing packages to create art work Give simple instructions to everyday devices to make things happen. Organise, store, manipulate and retrieve data in a range of digital formats. Use logical reasoning to preict the behaviour of simple programs.	Create simple movement pat terns showing awar eness of rhythm. Negotiate space when racing and chasing, adjusting speed or changing direction to avoid obstacle s To develop athletic skills.	Compare, describe and solve practical problems for lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half). Finding totals using number facts and finding fractions of a number. Adding pairs of numbers. Adding a single digit to a two digit number , using patterns. Explain how they have got answers. Shape and data. Describe and name 3D shapes. Telling the time to hour, half past, quarter to and past. Learn days of the week and months of the year. Doubling and halving. Multiplication facts and knowing that multiples are lots of a number. Money adding amounts and finding the change. Pictograms and presenting data.	Classify and sort familiar animals according to whether they are invertebrates, fish, amphibians, reptiles, birds, and mammals. Identify and name a range of common animals from the local and wider environment Identify and name common flowers and trees found growing in the locality. Present findings from an experiment.	To understand that people from different faiths have different beliefs about how the world was created. How do stories from different sacred writings explain how to take care of the earth.	Ask and respond to simple questions about the past using sources of information Sequence the story of a significant historical figure. Use simple vocabulary to describe passing of time (e.g. now, then, long ago, before and after).	To learn to sing a song from memory. To perform to an audience. Sing with a sense of shape and melody.	To explore the patterns and sounds of language through songs and rhymes

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Activities.	Watch Land before time DVD Visit to Eco land. Choose a dinosaur and write clues to describe it. Clues could be about the dinosaur's appearance, moods, behaviour, movement or diet. End the riddle with: What am I? Listen to and discuss poems and rhymes about dinosaurs. Practise reading one out loud with a partner or group and perform it to the class. Use expression and intonation to keep their audience entertained! . .	Look at world map, identify the continence and map where the high populations of dinosaur s were. Indicate on a map where reptiles are found.	Create a prehistoric landscape! Use different natural materials such as small stones, sand, twigs, rocks and soil and a range of small tools to shape, mould, carry and sift. Create their own Sockasaurus rex! Stick or sew felt, googly eyes and other decorat ive materials to a brightly coloured sock. Make stand-up spines, by glueing the tops of two triangles together, leaving the bottom parts open, then stick or stitch them to the sock.	Draw dinosaurs using colour magic. Create a background and add dinosaurs using stamp tool. Make a dinosaur disguise for a floor robot and send him on a journey around a prehistoric landscape. Create a large map showing features such as volcanoes, waterfalls, river, forests and caves. Place a transparent grid over the top of the map and programme the robot to move from different points	Athletic skills of sprinting and long distance relay races. Jumping techniques. Throwing skills Play, re-enact and battle with a partner in the style of their favourite din osaur, taking extra care that their battle movements do not hurt anyone Play 'Dinosaur Chase' with two children taking on the roles of dinosaurs (we aring green bibs), and two as palaeontologi sts (wearing bibs of a different colour). gist	Compare, describe and solve practical problems for mass or weight (e.g. heavy/light, heavier than, lighter than).	Invite a snake to visit. Find out about the creatures' care needs and how they move, eat and behave. Draw and label some common reptiles based on their observations, non-fiction books and information on the internet. Find out and locate on a world map where they come from. Read The mole who knew it was none of his business. Look at the poo from different animals , identify whether it was a herbivore or carnivore animal. Label the parts of a dinosaur's body on a large scale diagram or picture. Look at images of dinosaur skeletons, identifying the main features. Compare with the parts of a lizard's body, discussing any differences.	Look at creation stories from Islam, Christianity, and Hinduism. How do we look after the world? Recycling, energy efficiency. Cc history, why are some animals becoming extinct?	Make a timeline to show when the dinosaurs inhabited. Delve into a 'feely' bag or box containing an unseen fossil. Describe the texture, and shape considering what type or part of an animal it may have been. Take it out, examine it and say whether it was what they had expected. Look at and handle other fossils identifying what they could have been and discussing how they have been formed. Make rubbings or imprints of fossils using wax crayons or dough, finding out their names and labelling them. Sort fossils into sets based on size or shape and explain their reasoning.	Learn the Prehistoric animal brigade song. Sing in rounds. Choose instruments to match the type of dinosaur. Change the lyrics of The Wheels on the Bus to create a new dinosaur song, for example, 'The Tyrannosaurus rex goes grrr, grrr, grrr…'. Suggest approp riate percussion instruments to accompany each verse	Learn to sing songs which use the vocabular y of numbers, days of the week, colours and body parts.

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	Perform a dinosaur puppet show using their puppets. Act out their own dinosaur story or present information to the audience about dinosaurs includin g possible reasons why they became extinct. Plan a 'Dinosaur Party'! Create invitations, choosing appropriate paper and using interesting lettering for the heading. Include the date and time of the party and highlight the theme and dress code. Deliver the invitations to classmates, children in other classes or even parents and carers. Each class to perform an dinosaur assembly to parents /carers as a way of expresses what they have learnt in the topic.		Make dinosaur eggs by covering balloons with modroc. Wait for the 'eggs' to dry, then arrange them in the egg-laying formations of different types of dinosaur Make dinosaur puppets. Make props for the assembly. Create a very large-scale model dinosaur using a range of found and recycled materials such as tyres, barrels, pipes, boxes and crates	Make a short, stop-frame animation using model dinosaurs. Plan the film using a storyboard and decide on the characters and plot. Espresso coding.	Run in a large space, freezing in a dinosaur pose if they are tagged by a dinosaur and being set free if tagged by a palaeontolo		Look at images of different dinosaur teeth. Sort them into groups of meat eaters and plant eaters. Have a go at making either a herbivore or carnivore dinosaur tooth using clay. When it's dry, paint it, then arrange with similar teeth to make an enormous dinosaur jaw! Find out about the teeth of modern day carnivores, herbivores and omnivores Search for examples of plants that lived in the age of the dinosaurs! Take a walk in the local area and find plants that still exist today such as ferns, conifers, yew trees and monkey puzzle trees. Look after some potted ferns in the classroom Experiment to show that trees need sunlight. Children to look at leaves and decide whether the tree is deciduous or evergreen.		Research Mary Anning. Listen and discuss the theories about the extinction of dinosaurs. The story of the dodo bird Present things they have learned throughout the project using key words such as before, after and long ago. Be prepared to answer questions about their learning. .		