Cramlington Village Primary School

Medium Term Planning – Summer 1st Half Term
Topic: Dinosaurs
Key learning questions - Why would a dinosaur not make a good pet?

Year 1		
Literacy	**Speaking and Listening**	**Mathematics**
Rehearsing and innovating an explanation text called 'Elefly Dinosaurs' in Pie Corbett style. Create story maps to retell the story. Choose adventurous words - use adjectives to describe objects Myths about dinosaurs. Creating books about dinosaurs. Receiving letters from and writing back to Arthur who is looking for dinosaurs but is stuck in the Jurassic Jungle. Writing about going in a time machine, back to the land of dinosaurs. Finding and growing a dinosaur egg - creating posters, keeping diaries, writing stories. Creating a fact file about dinosaurs. Key Texts Harry's dinosaurs Tyrannosaurus drip Goldilocks and the Three Dinosaurs.	Discussing what the world would be like today if dinosaurs still existed. Role play: acting out roles and narratives in the Jurassic Forest – Rocks within salt dough for excavation. Dinosaur eggs (Painted melons) in a nest to care for. A sand pit with shells and bones buried in it. A green swamp (green jelly) for children to put hands in. Model dinosaurs for the children to explore. Clipboards and archaeologist hats. Letters from Archaeologist Arthur who is in the Jurassic Forest. SPAG Finger spaces, capital letters and full stops. Exclamation marks and question marks. Expanded noun phrases using 'who'. joining clauses using and, so, but. Capital letters for names, places and days of the week. Planning work and rereading it to check for sense. Adding prefixes and suffixes to root words. (un-, -ing, -er and -ed) Subordinating conjunctions to join sentences: because, when, until, so that, as, while	Estimate how many dinosaurs in a jar Measure out actual lengths and heights of dinosaurs - how many children would it take to show the size? Solving dinosaur challenge cards. <u>Place Value:</u> Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers from 1-100 in numerals and words. Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least. Given a number, identify one more and one less. <u>Number: Four Operations</u> - Represent and use number bonds and related subtraction facts within 20. Add and subtract one digit and two digit numbers to 20, including 0. Read, write and interpret mathematical statements involving addition (+) subtraction (-) and equals (=) signs. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems. Count in multiples of twos, fives and tens. Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. <u>Number of the day:</u> Ways of making selected number, number of digits. Adding 1 digit numbers to it. Finding 1 more/ less/ 10 more/ 1 less.

		Counting from different numbers to reach our number. Halving and doubling numbers. Reasoning challenges. <u>Number of the day (group 2) -</u> Working within 10/20. Recognising numerals Counting out objects to match the number. Practising forming different numerals with rhymes. Compare sets. Halving/ doubling. Addition and subtraction.

Physical Education and Forest School	**PSHE, RE**	**Geography, ICT, History, Science**	**Art, Music, DT**
Looking after our classroom and environment. **Forest School -** Look at seasonal changes within our Forest School environment. Work on shape, space and measures. Making fossils using clay and natural materials. Making volcanoes - vinegar and baking soda. **PE -** Ball skills. Games. Engage in competitive physical activities. Understand simple tactics for attacking and defending. Skipping practice.	Keeping safe - risk assessing visit to the Hancock - what do we need to do to keep ourselves safe? Friendship and caring for others. The local environment - how we care for it.	**Science** Season changes - spring/summer. Plants. Similarities and differences between dinosaurs. **Geography** Locating Cramlington on a map.. Locating places on atlas where dinosaur fossils have been found. **History** Extinction of dinosaurs Walking with dinosaurs program. Dinosaur periods (the Triassic, the Jurassic, and the Cretaceous). Dinosaurs **ICT** Video each other acting out stories use dinosaur image app to support fantasy.	**Music** - working with Jenny **DT** - Design, make and evaluate a dinosaur themed board game. **Art** Place a small dinosaur in a balloon, inflate then cover with paper mache. Children can crack open the egg and identify the baby dinosaur) and plaster of paris (use to create an imprint of a skeleton or foot print and bury in soil/sand for children to discover. Observational drawings of dinosaurs. Making own fossils using plasticine and plaster of paris.

Learning Challenges	
LC1	**Who does the egg belong to?** (Children find a nest and a letter from Arthur saying that he has found this egg. Link to Julia Donaldson story 'Tyrannosaurus Drip'. **Which dinosaurs could I invite to my party?** (Arthur would like to throw a party for some dinosaurs in the jungle but he doesn't know which dinosaurs to invite. He doesn't want to invite the meat-eating dinosaurs in case they spoil the party. - carnivores, herbivores and omnivores - looking at differences in heads). What do dinosaurs need to survive?
LC2	**Why did dinosaurs come in different shapes and sizes?** (Read a letter from Arthur - he has just had his new house squashed by the biggest dinosaur he

	has ever seen. Archie wants us to measure out the biggest dinosaur ever so he can build his house somewhere safer where it won't get squashed). Would all dinosaurs fit in our yard? What would a dinosaur footprint look like?
LC3	**How do we know that dinosaurs existed?** (Arthur sends a letter about fossils. Dig chocolate chips from cookies with a cocktail stick to show how careful you need to be when digging for bones). Dinosaurs through time: Jurassic, Triassic, Crustaceous periods. Continents and how the land changed.
LC4	**How is a Jurassic Forest different to where we live?** (Making own habitats for dinosaurs).
LC5	**Creating a class presentation to answer the question: Why would a dinosaur not make a good pet?** (Adding photos and work taken throughout the topic, children to add videos).