STEAM Based Curriculum for Early Childhood Care and Development

For UKG Class (Age Group: 4 - 5 years)

Year 2025 - Month : January - Week : 4th Week

Theme: Animals

Activities According to Sri Lankan National Standards

Experiential Learning - EL METHOD
2. Project Based Learning - PJL METHOD
3. Inquiry - Based Learning - IBL METHOD
4. Problem - Based Learning - PBL METHOD
5. Collaborative Learning - CL METHOD
6. Blended Learning - BL METHOD
7. Flipped Classroom - FC METHOD
8. Design Thinking - DT METHOD
9. Real World Application - RWA METHOD
10. Gamification Learning - GL METHOD

Domain And Subdomain	Specific Aspects	1st Day	02nd Day	03rd Day	04th Day	05th Day
		January 4th Week Monday	January 4th Week Tuesday	January 4th Week Wednesday	January 4th Week Thursday	January 4th Week Friday
		Introduction to Animals	Tuesday Farm Animals	Wild Animals	Water Animals	Animals paradise (School Created)
Health & Physical Well Being	Healthy living Practices	Animals food and their behaviors (Using visual/ video)	Provide the egg and milk for children	Life cycle of the wild animal (act)	Be active like a fish (swim like a fish with created fish)	What can we learn from animals for our healthy living/?
	Personal Safety & Protection	Danger of animals (by video)	How protect from the farm animal And how should we clean after visit the farm.	Give to watch the danger of wild elephant to the villagers	Protect from the water pond, well (Don't peep inside the well)	How should we deal with the animals
	Gross Motor Skills Development	Make and Wear the mask and do the action (Sound and movement) Do as a game	Visit the cage and act like same animal.	Eluwan kannani man aawe game (using farm animal and wild animals marsk)	Listen to the animals names and clap or jump for water animal	Race - All the nimals with their movement and sound (elephant/rabit/fish)
	Fine Motor Skills Development	Make Face marks	Paste the animal using egg shell.	Make the wild animal using clay	Paste the fish using Scale/ Pencil waste/ circles/	Draw the animals paradise.
Social And Emotional wellbeing	Relationship with adults and Peers	Sort up the Animal (By Group)	Make a farm with parents.	Decorate the wall using finger print (wild animal)	Make the fish tank	Visit to the school animal paradise.
	Pro-Social Behavior	Make cow using Coconut husk piece and play	Valuable service from the farm (milk man/ egg seller, fertilizer)	Show the value of jungle as a part of the world	Make good feeling of water animal (using the created fish tank)	Animals are part of our life. (Discuss)
	Positive Self Concept	How treat animal (using toy animal)	Discuss about the contribution of the farm.	Discuss about the jungle tour / zoo	How should Care and treat fish	Love and care animals. (visit to the created animal paradise)
	Self - Regulation	Keep food and water for animals.	Every child must Drow the milk from the cow.(using	Role play as a wild animal (highlight the Kindness and	Discuss quality of water animals (Ex.feed fish and discus)	Share the feeling of all the type of animals.

			surgical gloves) (kiri dhowanawa)	cruel)		
	Self - Expression	Draw your favorite animal	Role play of the vet	Act like a wild animal in the image jungle.	Draw a water animal that you like most	Act like a favourite animal
	Moral, Religious, and Cultural Values	Cultural uses of animal Elephant - perahera Bull - farming	Story about farm animals	Bear and two friend story	Create the story of fish (how they save)	Story Telling (king lion)
Numeracy	Logical Thinking & Pre mathematical Skills	Size of animals -plastic animal	Ask question about the nature or behaviors of the farm animal	How nature protect the animal (dear using the ears to protect them self/rabbit hop fast/ some animals colour as same the nature)	What is the difference between fish from other animals?	Relationship of animals (discuss)
	Measurements		Identify the size of the animal	Compare the wild animal	Discuss about the water animal (fish tank)	Find the different of the animal
	Counting and Number Concepts	Count and color the animals	Count the animal (from the farm)	Identify the single and group animals.	Identify the fish types , count and draw them	Count the Types of animals(Before created)
Language and Early Literacy	Receptive language	Talk about animals	Identity the animals according to the sound	Introduce the wild and jungle animal	Introduce the water animals	My impress on favorite animal types.
	Expressive language Skills Development	Animal talk- roleplay like animal	Sharing the experience	Sharing the experience about the wild animal	Sharing the feeling of the water animal	Show the flash card and ask weather it goes to which category. Ex. Fish - water animal
	Language comprehension	Describe the picture	Water animal and land animals game (Dhiya goda)	Teach the animals name in other languages.(sele ct only three animal)	Discuss about the water animals in sea/ rive/ pond/ lake	Remind the previous animals activity.
	Pre - reading Skills	Animals Sound	Refer the farm animals	Identify the animals using the flash card.	Identify the water animals among the animals.	Name the animals from the picture board (from all the category)
	Pre - writing Skills	Match the Animals to their house	Create the chick using feathers.	Draw mane for the lion (as a group)	Draw the fish tank	Match the animal whether they live wild, water or farm
	Early Interest Print (Sense of Letters)	Identify the letter and tell the animals name	Select the farm animal and talk about it.	Discuss about the drawing (Lion)	Using the shapes and pasting the fish	Sort up the animal and paste the relative place.
Environment Exploration	Inquiring Mind	Animal Movement and Sound	(Close the eyes) Identify the Animals sound.	Value of the team (to protect) them selves)	Discuss the visited place or video about the water life.	Animals movement and sound
	Exploration of Natural Environment	Exploring the animal (school area)	Visit the farm or ground	Watch the jungle (video)	Visit the pond or lake and explore it . or explore the created pond	Sharing the real life experience of animal observe in this week.
	Man Made Word		Man made farm	Create the jungle (indoor)	Create the pond or fish tank using live fish.	Visit the created pond, tank, jungle, farm

	Community Awareness and Eco-Friendly Practices		Fertilize the plant using the farm fertilize (cowgung/)	How we can protect the jungle.(Video)	Let's give water animals' to live in clean water (Don't make the water pollution.)	How people deal with animal without harming the Environment.
Creative Arts	Music and Dancing	Old mac- Sing and dance	Old mac song and dance	Yala Yala Sinhala song - Dance and sing	Fish dance (punchi punchi maluwo) One two three ..	Enjoy with the song related to the animal
	Drama and Role Play	Using finger puppets roleplay	role paly like farmer	Drama- 5 Goats , goat mother and wolf story	Crane and crab story	King lion Story (Roleplay)
	Drawing, Painting and Molding (Visual Aids)	Make handprint hen/peacock/bird	Painting the farm animals	Molding the wild animals	Create the turtle using coconut shell	Draw and colour the zoo
	Construction and Craft	Paste the rabbit using Cotton	Make a farm (pre-preparation make a farm structure with parents)	Make the jungle in indoor	Make the pond or tank in indoor	Create the animal Paradise in big hardboard. (by drawing or pasting)

Note: try to at least one : Indoor Activity Outdoor activity, story, Rhyme, Hands on Activity, Discussion(Conversations)