

# A Conceptual Framework to Determine the Enrichment Needs and Priority

**SECTION 1:** Determine the need and priority for each animal by using the score system.

Species:

Context	High level of enrichment required			Low level of enrichment required		
Physical environment	Traditional-style exhibit			Naturalistic exhibit		
	8	6	4	2	0	
	Inappropriate for species			Appropriate for species		
Social environment	8	6	4	2	0	
	Inappropriate for species			Appropriate for species		
	Unstable			Stable		
Species' characteristics	8	6	4	2	0	
	High neural complexity and cognitive ability			Low neural complexity And cognitive ability		
	Generalist habits			Specialist habits		
	8	6	4	2	0	
Individual animal's behaviours	Wide-ranging habits			Sedentary habits		
	8	6	4	2	0	
	Atypical of its species			Typical of its species		
Legal and professional guidelines	8	6	4	2	0	
	Frequent established stereotypes			No established stereotypes		
	Not being met			Being met		
8	6	4	2	0		
Score						

derived from: M.D. Kreger et al., 1998 (Second Nature: Environmental Enrichment for Captive Animals).  
 Animals with score 80-61 has a very high enrichment priority, 60-41 a high priority, 40-21 a medium priority and 20-0 a low(er) priority of enrichment required.

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## SECTION 2: Determine the frequency, variety and variation suitable by each priority

Very high priority	High priority	Medium priority	Low(er) priority
One new enrichment item a week	One new enrichment item every two weeks	One new enrichment item a month	New enrichment when time is available
At least one enrichment sessions a day	At least one enrichment sessions a day	At least 3 enrichment sessions a week	Enrich when time available
At least 7 days between repeating enrichment	At least 7 days between repeating enrichment	At least 3 days between repeating enrichment	Can be repeated enrichment items
Variations in environment on daily basis	Variations in environment on weekly basis	Variations in environment on monthly basis	Variation in environment is not highly necessary
Multiple feedings a day	Multiple feedings a day	Can be one feeding a day	Can be one feeding a day
0% free food	25% free food	50% free food	Can be 100% free food

derived from: Wild Enrichment (2019)

