

The use of “Savannah Lifestyles” in the context of the curriculum/syllabus for Standard 6 and 7 in Kenyan Primary Schools: Science

The content of syllabus standard 6 and 7 for Science	Relation/Contribution from Savannah Lifestyle (SL)	Pages/sections in SL tackling the issues
1. Elements of nature		
1.1 Plants		
Plants species	Examples of important Savannah plant species; illustration of selected plants and their specific value/importance	49-53, 30
Photosynthesis	Illustration and explanation of photosynthesis; What is it? How does work? and its importance in re-producing oxygen (fresh air)	p.31 f
Eva-po-transpiration	Illustration and explanation of evapotranspiration; What is it? How does work? Its importance in the water cycle.	p 29
Reproduction of plants	Flowering, pods, seeds and dispersing of seeds;	P 51 , 52 and 42
1.2 Water		
The water cycle	Illustration and explanation of the water cycle; What is it? How does work? Its importance for arid environments	p. 27, 28
Eva-po-transpiration	Illustration and explanation of evapotranspiration; What is it? How does work? Its importance in the water cycle.	p 29
1.3. Soil		
Soil profile	What is a soil profile; the layers of soil, the importance of soil within the ecosystem	p. 38
Erosion	What is soil erosion? Other forms of erosion (wind); Signs of erosion; How to detect it? Impacts of soil erosion;	p. 60 and
Soil formation	The role of decomposers; the importance of the rocks (lower layers of soil);	p. 42, 37
Soil regeneration and Quality	The importance of dung, (leave) litter and compost for improving soil quality	p. 37; 43
1.4. Animals	Domestic and the wildlife species;	
Domestic and Wildlife species	Their functions and needs; What do they eat What do they produce for humans	p. 19-21, 37, p 59, 43, 42, 22
2. The interdependency of living things		
Biodiversity	What is it? Why is it important	p. 19,20, 50
The elements of nature interrelate and provide food	The food chain; What is it? How does work? The importance that it is not interrupted.	p. 43
Ecosystem and habitat	What is ecosystem and habitat?	p.42
The water cycle	Illustration and explanation of the water cycle; What is it? How does work? Its importance for arid environments	p. 27, 28
Eva-po-transpiration	Illustration and explanation of eva-po-transpiration; What is it? How does work? Its importance in the water cycle.	p 29
Competition for the elements of nature	Cattle and wildlife interaction; animals and humans need land and they need water: is there enough for all? Can cropping <u>and</u> livestock keeping go hand in hand?	pp. 42, 57,58, 60,44, 6,7

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curriculum/syllabus for Standard 6 and 7 in Kenyan Primary
Schools: GHC**

The content of the syllabus GHC standard 6 and 7	Relation/Contribution from Savannah Lifestyle (SL)	Pages/sections in SL tackling the issues
1. Pastoralism-		
	What is it? The past the present and the future: challenges of living as pastoralists	6,7,57,58,60
2. Population development		
Population growth	Increase of people and number of settlements in Marsabit District; impacts of it	11, 57,59
Migration and settlement	Human migration, animal migration; becoming sedentary; increasing numbers of settlements, impacts of increased numbers and sizes of settlements	11,42,56,57
3. The physical features of nature		
...Overview	An overview and the elements to be extracted from drawings	p. 18
4. Vegetation		
Grazing areas of the world	What are grazing lands, where are they what is typical about them?	15,16,17, 18
Savannah	What is a Savannah? Where can we find Savannah? What is typical and special about them?	18,19,20
Savannah vegetation	Examples of important Savannah plant species; illustration of selected plants and their specific value/importance for animals and humans	49-53
Overgrazing	What is overgrazing and what does it do to the plants?	31
5. Weather		
The water Cycle	Where does rain come from? How rain is made? What is the water cycle; The special importance of water in arid environments.	28
Drought	What is drought? What happens when we have drought? How can we cope? The special importance of good management of wells during drought.	12, 30, 56-60
Soil formation	The role of decomposers; the importance of the rocks (lower layers of soil);	
Soil regeneration and Quality	The importance of dung, leave-litter and compost for improving soil quality	p. 37; 43
Sources of water	Rainfall and where it comes from; dams and wells; rivers; the importance of water conservation	28,30,58; 18
6. Soil erosion		
The importance of soil	The importance of soil for the ecosystem; the soil- plant-animal interconnection and interdependency	31 f
Soil degradation and regeneration	What is it? Different forms of soil erosion (wind, trampling, heavy rainfall; flooding); What is the impact if it happens? What can we do to avoid it? Soil conservation	30,59;38, 39;43;60
Overgrazing	The impact of overgrazing on the soil: Water and wind erosion; What happens if there is no more vegetation (litter) to decompose?	31
7 Tourism and wildlife		
The potentials of the Savannah besides their value for pastoralist	What is tourism Why is it important? What do we need to consider when promoting tourism in the Savannah. The importance of wildlife for tourism. Can tourism wildlife and pastoralism go together?	22,42,61
Wildlife	Savannah wildlife species	19-22
8. The future of our environment	How to maintain our environment The past the present and the future? What can we contribute ourselves? What can we tell others	Sections 1and 7