

Science Grade 4 Life Science: Habitats and Communities (HC)				
Outcome	1 - Beginning The student is having difficulty demonstrating an understanding of the concept.	2 – Approaching The student is developing an understanding of the concept.	3 – Meeting The student consistently demonstrates an understanding of the concept or has achieved the concept.	4- Exemplary The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.
HC4.1 Investigate the interdependence of plants and animals, including humans, within habitats and communities.	<ul style="list-style-type: none"> • I can carry out simple processes to differentiate between populations, communities, and habitats using local examples, with help. • I can carry out simple processes to classify some of the roles of plants and animals, including humans, in food chains and webs, with help. • With help, I can represent the interdependence of plants and animals, including humans, in a habitat or community. 	<ul style="list-style-type: none"> • I can carry out simple processes with some accuracy to differentiate between populations, communities, and habitats using local examples. • I can carry out simple processes with some accuracy to classify the roles of plants and animals, including humans, in food chains and webs. • I can represent the interdependence of plants and animals, including humans, in a habitat or community. 	<ul style="list-style-type: none"> • I can carry out processes accurately to differentiate between populations, communities, and habitats using local AND regional examples. • I can carry out processes accurately to classify and explain the roles of plants and animals, including humans, in food chains and webs. • I can explain my representation of the interdependence of plants and animals, including humans, in a habitat or community. 	<ul style="list-style-type: none"> • I can design and carry out a process to differentiate between populations, communities and habitats, using global examples. • I can design and carry out a process to compare the roles of plants and animals, including humans, in food chains and webs. • My representation shows the impact of the interdependence of plants and animals, including humans, in a habitat or community.
Comments				

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HC4.2 Analyze the structures and behaviours of plants and animals that enable them to exist in various habitats.	Plants	<ul style="list-style-type: none"> • I can identify some structural characteristics of plants that enable them to exist in various habitats. • I can identify some behavioural characteristics of plants that enable them to exist in various habitats 	<ul style="list-style-type: none"> • I can classify some structural characteristics of plants that enable them to exist in various habitats. • I can classify some behavioural characteristics of plants that enable them to exist in various habitats. 	<ul style="list-style-type: none"> • I can classify and explain the structural characteristics of plants that enable them to exist in various habitats. • I can classify and explain the behavioural characteristics of plants that enable them to exist in various habitats. 	<ul style="list-style-type: none"> • I can compare the structures of several plants that enable them to exist in various habitats. • I can compare the behaviours of several plants that allow them to exist in various habitats.
	Animals	<ul style="list-style-type: none"> • I can identify some structural characteristics of animals that enable them to exist in various habitats. • I can identify some behavioural characteristics of animals that enable them to exist in various habitats 	<ul style="list-style-type: none"> • I can classify some structural characteristics of animals that enable them to exist in various habitats. • I can classify some behavioural characteristics of animals that enable them to exist in various habitats. 	<ul style="list-style-type: none"> • I can classify and explain the structural characteristics of animals that enable them to exist in various habitats. • I can classify and explain the behavioural characteristics of animals that enable them to exist in various habitats. 	<ul style="list-style-type: none"> • I can compare the structures of several animals that enable them to exist in various habitats. • I can compare the behaviours of several animals that allow them to exist in various habitats.
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<p>HC4.3 Assess the effects of natural and human activities on habitats and communities, and propose actions to maintain or restore habitats.</p>	Effects of natural activities	<ul style="list-style-type: none"> I can identify some effects of natural activities on habitats and communities. 	<ul style="list-style-type: none"> I can explain some effects of natural activities on habitats and communities. 	<ul style="list-style-type: none"> I can point out the benefits and challenges of on habitats and communities, with details and examples. 	<ul style="list-style-type: none"> I can weigh the benefits and challenges of the effects of natural activities on habitats and communities, and explain my reasoning.
	Effects of human activities	<ul style="list-style-type: none"> I can identify some effects of human activities on habitats and communities. 	<ul style="list-style-type: none"> I can explain some effects of human activities on habitats and communities. 	<ul style="list-style-type: none"> I can point out the benefits and challenges of the effects of human activities on habitats and communities, with details and examples. 	<ul style="list-style-type: none"> I can weigh the benefits and challenges of the effects of human activities on habitats and communities, and explain my reasoning.
	Propose actions	<ul style="list-style-type: none"> With help, I can propose an action to maintain or restore habitats, and explain my reasoning. 	<ul style="list-style-type: none"> I can propose an action to maintain or restore habitats, and explain my reasoning. 	<ul style="list-style-type: none"> I can propose several actions to maintain or restore habitats, and explain my reasoning. 	<ul style="list-style-type: none"> I can recommend actions to maintain or restore a particular habitat, and justify my suggestions with facts or statistics.
<p>Comments</p>					