



Science Grade 6 Life Science: Diversity of Living Things (DL)					
Outcome		1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. I achieve the outcome.	4- Extensive Evidence I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
DL6.1 Recognize, describe, and appreciate the diversity of living things in local and other ecosystems, and explore related careers.	Diversity of living things in ecosystems	<ul style="list-style-type: none"> • With help, I can state some of the characteristics that define all living things. • With help, I can identify the diversity of living things in local or other ecosystem. 	<ul style="list-style-type: none"> • I can state some of the characteristics that define all living things. • I can identify the diversity of living things in local or other ecosystem. 	<ul style="list-style-type: none"> • I can state the characteristics that define all living things. • I can explain the diversity of living things in local and other ecosystems. 	<ul style="list-style-type: none"> • I can explain the characteristics that define all living things, using examples. • I can distinguish living things that would only be present in select ecosystems.
	Related careers	<ul style="list-style-type: none"> • With help, I can identify a few examples of careers that require an understanding of living things. 	<ul style="list-style-type: none"> • I can identify examples of many careers that require an understanding of living things. 	<ul style="list-style-type: none"> • I can describe examples of several careers that require an understanding of living things. 	<ul style="list-style-type: none"> • I can compare the understanding of living thing required in different careers.
	Appreciate	<ul style="list-style-type: none"> • With frequent reminders, I show respect for living things and the environment when observing ecosystems. 	<ul style="list-style-type: none"> • I often show respect for living things and the environment when observing ecosystems. 	<ul style="list-style-type: none"> • I consistently show respect for living things and the environment when observing ecosystems. 	<ul style="list-style-type: none"> • I show respect for living things and the environment by enhancing an ecosystem.
Comments					



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DL6.2 Examine how humans organize understanding of the diversity of living things.	<ul style="list-style-type: none"> • With help, I can use classification systems to organize living things into groups. 	<ul style="list-style-type: none"> • I can use classification systems to organize living things into groups. 	<ul style="list-style-type: none"> • I can use classification systems to organize living things into groups and sub groups. 	<ul style="list-style-type: none"> • I can create classification systems to organize information creating groups and detailed subgroups.
	<ul style="list-style-type: none"> • With help, I can identify different worldviews. 	<ul style="list-style-type: none"> • I can identify different worldviews. 	<ul style="list-style-type: none"> • I can describe how different worldviews can shape systems of organizing information. 	<ul style="list-style-type: none"> • I can create a different classification system using an alternate worldview.
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DL6.3 Analyze the characteristics and behaviours of vertebrates (i.e., mammals, birds, reptiles, amphibians, and fish) and invertebrates.	Characteristics	<ul style="list-style-type: none"> • With help, I can identify some of the characteristics of vertebrates OR invertebrates. 	<ul style="list-style-type: none"> • I can identify the characteristics of vertebrates OR invertebrates. 	<ul style="list-style-type: none"> • I can compare and represent the characteristics of vertebrates AND invertebrates I choose. 	<ul style="list-style-type: none"> • I can identify, compare and represent the characteristics of a variety of vertebrates AND invertebrates.
	Behaviours	<ul style="list-style-type: none"> • With help, I can identify behaviours of vertebrates OR invertebrates. 	<ul style="list-style-type: none"> • I can identify behaviours of vertebrates OR invertebrates. 	<ul style="list-style-type: none"> • I can compare and represent the behaviours of vertebrates AND invertebrates I choose. 	<ul style="list-style-type: none"> • I can identify, compare and represent the behaviours of a variety of vertebrates AND invertebrates.
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DL6.4 Examine and describe structures and behaviours that help: ○ individual living organisms survive in their environments in the short term; ○ species of living organisms adapt to their environments in the long term.	Structures	<ul style="list-style-type: none"> I can identify the structures of individual living organisms. 	<ul style="list-style-type: none"> I can identify the structures of individual living organisms and describe how some of them help the organism survive in its environment. 	<ul style="list-style-type: none"> I can describe how the structures of individual living organisms help the organism survive in its environment. 	<ul style="list-style-type: none"> I can compare how the structures of different living organisms in an ecosystem help the organisms to survive.
	Behaviors	<ul style="list-style-type: none"> I can identify the behaviours of individual living organisms. 	<ul style="list-style-type: none"> I can identify the behaviours of individual living organisms and describe how some of them help the organism survive in its environment. 	<ul style="list-style-type: none"> I can describe how the behaviours of individual living organisms help the organism survive in its environment. 	<ul style="list-style-type: none"> I can compare how the behaviors of different living organisms in an ecosystem help the organisms to survive.
	Adaptations	<ul style="list-style-type: none"> I can identify a few adaptations of individual living organisms to structures OR behaviors. 	<ul style="list-style-type: none"> I can identify the adaptations of individual living organisms to structures OR behaviours, and describe how some of them help the organism survive in its environment in the long term. 	<ul style="list-style-type: none"> I can describe examples of adaptations to structures AND behaviours that have enabled living things to adapt to their environments in the long term. 	<ul style="list-style-type: none"> I can compare the adaptations to structures AND behaviours of different species that have helped them survive in the long term.



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DL6.5 Assess effects of micro-organisms on past and present society, and contributions of science and technology to human understanding of micro-organisms.	Effects of micro-organisms on past and present society	<ul style="list-style-type: none"> • With help, I can identify the basic needs of micro-organisms. • With help, I can identify the positive and negative effects of micro-organisms for humans on past OR present society. 	<ul style="list-style-type: none"> • I can identify the basic needs of micro-organisms. • I can identify the positive and negative effects of micro-organisms for humans on past OR present society. 	<ul style="list-style-type: none"> • I can explain how micro-organisms meet their basic needs. • I can explain the positive and negative effects of micro-organisms on past AND present society. 	<ul style="list-style-type: none"> • I can explain how micro-organisms meet their basic needs, with specific examples. • I can explain the positive and negative effects of micro-organisms for humans in the time period they were discovered, with specific examples.
	Contributions of science and technology to understanding of micro-organisms	<ul style="list-style-type: none"> • With help, I can give examples of contributions of science and technology to our understanding of micro-organisms. 	<ul style="list-style-type: none"> • I can give examples of contributions of science and technology to our understanding of micro-organisms. 	<ul style="list-style-type: none"> • I can explain the contributions of science and technology to our understanding of micro-organisms. 	<ul style="list-style-type: none"> • I can compare the impact of contributions of science and technology to our understanding of micro-organisms.
Comments					