

Course: Gr 2 Science	Marking Period: 1	Lesson 8: Organisms live in their habitat (2 days)
<p>Standard(s): NGSS 2-LS-4.1 Biological Evolution & Diversity Make observations of plants and animals to compare the diversity of life in different habitats.</p>		
<p>*Objective(s):</p> <ul style="list-style-type: none"> ● Define habitat ● Define shelter ● List different types of habitats ● Using images, list the habitat a life cycle stage use 		
<p>* Target Text/Literacy Component: "Truth About Habitats" <i>reading passage</i> - from wildlife.durrell.org</p>		
<p>Planning/Preparation Notes:</p> <ul style="list-style-type: none"> ● This is a new lesson created because the standard for this part of this unit focuses on habitats and how different life cycle stages the organism may use a different habitat. In past years, this was not the focus of the lessons and so this lesson was created to establish and introduce what a habitat is before students dive deeper into plant and animal life cycles. <p>Vocabulary:</p> <ul style="list-style-type: none"> ● habitat ● living ● non-living 		
<p>Resources/Materials: Materials teachers need to gather or prepare prior to the lesson.</p> <p>Day 1 -</p> <ul style="list-style-type: none"> ● Gr2 MP1 Lesson 8 Google Slides ● Youtube video - Science Video for Kids: What is a Habitat? (2:56) ● "Truth About Habitats" <i>reading passage</i> - from wildlife.durrell.org <p>Day 2 -</p> <ul style="list-style-type: none"> ● Gr2 MP1 Lesson 8 Google Slides ● Discovery Education video: Introduction to Habitats (2:17) ● Youtube video - Life Cycle of a Butterfly (5:15) ● Frog Life Cycle Image ● Youtube video - Mealworm Farm 5: Eggs to Babies (4:42) 		

Instructional Sequence of Lesson			
Time	*Activities	Instructional Considerations (Enrichment/Extension Activities, Accommodations/Modifications, Differentiation Strategies, SDI)	*Formative Assessment/ Check for Understandings
Day 1			
Day 1	<p>Getting Started/Drill/Anticipatory Set Use the Gr2 Lesson 8 Google Slides as a guide</p> <p>Looking at <u>Slide 3</u> and the 4 images presented - answer the 3 questions on the slide.</p> <ol style="list-style-type: none"> 1. Pictures have in common that they are the “homes” for living things. 2. They do help living things survive because they give food and shelter. 3. You could find birds in the birdhouse; people and pets in the houses; squirrels, foxes, deer, birds, etc in the forest; horses and smaller animals in the field while you have fish in the water. 		
	<p>Instruction: whole, group, individual</p> <ol style="list-style-type: none"> 1. <u>Slide 4</u> introduces the word habitat which is the focus of this lesson. 2. <u>Slide 5</u> has the Youtube video - Science Video for Kids: What is a Habitat? (2:56) linked in the picture and will introduce the students to habitat from their own perspective as a person. <ol style="list-style-type: none"> a. While watching the video there are 4 questions you want the students to try and answer and a discussion can happen after watching the video. <ol style="list-style-type: none"> (1) What is a habitat? (2) What does your habitat give you? 		

	<p>(3) How many different habitats are in the world?</p> <p>(4) Do organisms change to stay in their habitat?</p>		
	<p>Closing</p> <p>Slide 7 is a reading passage from "Truth About Habitats" reading passage - from wildlife.durrell.org. Students journal about what they learned from the passage.</p>		
Day 2			
Day 2	<p>Getting Started/Drill/Anticipatory Set</p> <p>Use the Gr2 Lesson 8 Google Slides as a guide (begin at Slide 8)</p> <p>Have the students explain what they remember from the last class about habitats. Use Slide 6 as a review.</p>		
	<p>Instruction: whole, group, individual</p> <ol style="list-style-type: none"> On Slide 9 there is a Discovery Education video: Introduction to Habitats (2:17) linked to the image where it reviews what a habitat is and information about what it provides living things. Slide 10 shows the 4 stages of the butterfly life cycle. Discuss what could happen if the habitat changes as the butterfly life cycle goes from Stage 1 to Stage 4. Slides 11-14 take each stage and highlights the habitat for each of the 4 stages to help students see the organisms may change where they "live" to grow up. The image on Slide 15 is linked to the Youtube video. The images are taken so the students can see the life cycle in animation. Youtube video - Life Cycle of a Butterfly (5:15) 		

	<p>Closing Activity</p> <ol style="list-style-type: none"> 1. To help students understand their lesson assignment, <u>Slides 16 and 17</u> take the life cycle of a frog and show the habitat at each of the 5 stages. 2. <u>Slide 16</u> provides an image of the mealworm-darkling beetle life cycle and a link for the students to watch so they can complete the table on <u>Slide 16</u>. 		
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***Lesson Evaluation:**

- Day 1- Slide 6 (video questions) and journal about "[Truth About Habitats](http://wildlife.durrell.org)" [reading passage](#) - from wildlife.durrell.org
- Day 2- Slide 18 (watch the video and identify the habitat changes in the mealworm-darkling beetle life cycle)

- ★ *The template includes items listed as minimum requirements listed on Page 11, in Article 6.16.1.2 in the Negotiated Agreement Between The Board of Education of Cecil County and The Cecil County Classroom Teachers Association. This article states: *Plans shall specify the daily outcomes developed from indicators and/or objectives found in the Cecil County Public School approved curriculum, the instructional activities that shall bring these to fruition, and how student achievement of the daily outcomes shall be evaluated.*
- ★ *Refer to the Text Complexity Grade Bands and Associated Lexile Ranges table in the CCPS Lesson Planning Template Guiding Document for grade specific lexile ranges.*
- ★ *Every activity does not need an accompanying formative assessment.*