

Zoology

UNIT 2

Pacing Guide

Each lesson is packed with rich content and depending on student interest can be enjoyed several times. Repetition and further exploration promotes depth of inquiry and builds students' knowledge on the topic.

Lesson	Topic	Science Objectives	Reading Standards	Foundational Skills Focus	
				Phonological/ Phonemic Awareness	Phonics/ Word Study
Topic 1	Introduction to Animals				
1.1	Living Organisms vs. Non-Living Objects	Distinguish living organisms from non-living objects and explain the difference.	Identify the front cover, back cover, and title page of a book and use those text features to learn about animals. (RI.K.5)	First Sounds Alliteration	Introduce/review letter names and sounds
1.2	Wild vs. Domestic Animals	Distinguish wild from domestic animals and explain the difference.			
1.3	Zoo Animals	Explain why we have zoos and name at least five animals that might be found there.			
1.4	Farm Animals	Explain why we have farms and name at least five animals that might be found there.			
1.5	Pets	Explain why we have pets and name at least five animals that make good pets.			
Topic 2	Mammals				
2.1	What Makes a Mammal a Mammal?	Name animals that are mammals and animals that are not. Understand that only mammals have hair/fur.	Identify the front cover, back cover, and title page of a book and use those text features to learn about mammals. (RI.K.5)	First Sounds Alliteration	Introduce/review letter names and sounds
2.2	Baby Mammals	Describe how mammals provide for the needs of their young.			
2.3	Mammal Life Cycles	Describe the life cycles of various mammals.			
2.4	Compare & Contrast Mammals	Discuss similarities and differences among mammals.			
Topic 3	Birds				Read and Spell 1G Power Words
3.1	What Makes a Bird a Bird?	Name animals that are birds and animals that are not. Understand that only and all birds have feathers.	Recognize common types of texts, and discuss how some types of fiction texts may teach real facts, while other may include realistic portrayals of animals. (RL.K.5)	First Sounds Alliteration	<i>I, love, my</i>
3.2	Baby Birds	Understand that all birds hatch from eggs. Describe how birds provide for the needs of their young.			<i>that, is, a</i>
3.3	Bird Life Cycles	Describe the life cycles of various birds.			<i>to, the, in</i>
3.4	Compare & Contrast Birds	Discuss similarities and differences among birds.			<i>it, you, see</i>

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Topic 4	Reptiles				Read and Spell 1G Power Words
4.1	What Makes a Reptile a Reptile?	Name animals that are reptiles and animals that are not. Understand that all reptiles have scales and are cold-blooded.	Recognize common types of texts, and discuss how some types of fiction texts may teach real facts, while other may include realistic portrayals of animals. (RL.K.5)	First Sounds Alliteration	<i>and, of like</i>
4.2	Baby Reptiles	Describe how reptiles provide for the needs of their young.			<i>look, at, this</i>
4.3	Reptile Life Cycles	Describe the life cycles of various reptiles.			<i>we, go, all</i>
4.4	Compare & Contrast Reptiles	Discuss similarities and differences among reptiles.			<i>can, do, are</i>
Topic 5	Amphibians				
5.1	What Makes an Amphibian an Amphibian?	Name frogs and toads as amphibians and explain why they are amphibians.	Compare and contrast texts, including books about amphibians. (RLK.9)	First Sounds Alliteration	<i>am, an</i>
5.2	Amphibian Life Cycles	Describe the life cycles of various frogs, including the word “metamorphosis.”			<i>he, be, me, she</i>
5.3	Compare & Contrast Amphibians	Discuss similarities and differences among amphibians.			<i>have, had, has</i>
Topic 6	Fish				
6.1	What Makes a Fish a Fish?	Name animals that are fish. Describe the unique characteristics of fish.	Compare and contrast texts, including books about fish. (RLK.9)	First Sounds Alliteration	<i>will, with</i>
6.2	Baby Fish	Describe how fish provide for the needs of their young.			<i>who, what, why</i>
6.3	Fish Life Cycles	Describe the life cycles of various fish.			<i>want, went, was</i>
6.4	Compare & Contrast Fish	Discuss similarities and differences among fish.			<i>no, on, not, yes</i>
6.5	Compare & Contrast Animals	Discuss similarities and differences among animal groups.	Review RI.K.5, RL.K.5, RI.K.9 as necessary.		<i>where, there, here</i>