



Over 300
Activities



APPRECIATING NATURE, SPORTS AND REVIEW

Math - Social Studies - Science - Language Arts



UNIT 3
Kindergarten
AGES 5-6



Interdisciplinary Learning Curriculum



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Keep track of all the topics you study so you can refer back to this list when it's time for revision! Remember to number your pages as you go!

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ANIMALS IN OUR WORLD: OVERVIEW

OBJECTIVE

By the end of this four-week unit, students will have a strong understanding of the animal kingdom and its classifications. This unit develops an appreciation of nature while continuing to integrate developmental math skills. The ability to compare and contrast across content areas is punctuated by classifications. This unit develops an appreciation of nature while continuing to integrate developmental math skills. The ability to compare and contrast across content areas is punctuated.

Consider: Beyond humans, who else inhabit our world?

RESOURCES

Throughout this unit, you will find:

- Non-fiction animal passages
- Mammal, Reptile, Amphibians, Fish, and Bird Sorts
- Fish painting project
- Animal Classification Chart



ASSESSMENT

1. Each day, complete an oral “Quick- Check” to see if the student has grasped the concept of the day demonstrating their acquisition of the learning.
2. Each week, review sight words and math skills that may need more attention.
3. Revisit any assessment or lesson throughout your teaching to ensure continued understanding and growth.
4. At the end of this unit, the student will demonstrate higher-level learning by creating an animal report. Students will show their understanding of nonfiction and animals. Introduce the idea of presenting their work.

AN INTEGRATED APPROACH TO LEARNING

This unit integrates core principles of mathematics and nature to include standards in Math, Natural Sciences, Reading, Writing, Social Studies, and Art.



Math: Students will compare quantities and populations with two-digit numbers. Students will find the difference between populations. Students will subtract and add ten.

Reading and Writing: Students identify features of nonfiction texts. Students write an informative piece on animals to include text features: photograph, caption, title, and key facts.



Social Studies: Students investigate the role of laws in conservation. Explore geography.

Art: Students view art inspired by nature. Students create multi-media art inspired by animal prints and patterns.

OPTIONAL READING RECOMMENDATIONS

WHY MORE BOOKS?



Reading 'mentor texts' allows students to bridge and connect learning across disciplines. Picture books allow added connections, development, and accessibility for young learners.

RESOURCES FOR READING

- Local libraries
- Online libraries like "Hooplah", "A to Z Reading", or "Epic."
- YouTube video read aloud

RECOMMENDED READING BY TOPIC

Mammals and Birds

- "Mammals of Small Pond" by Phoebe Erickson
- "The Busy Tree" by Jennifer Word
- "Hibernation Station" by Michelle Meadows
- "Migration: Incredible Animal Journeys" by Mike Unwin



Reptiles, Amphibians, and Fish

- "Remarkable Reptiles" by Jake Williams
- "Can You Do What Bearded Dragons Do" by Stevie Buzbee
- "How Does a Tadpole Grow" by Eric Carle

Comparing Numbers

- "Equal Shmequal" by Virginia Kroll
- "Gavin the Gator" by Kathleen Stone
- "Pigeon Math" by Asia Citro



LESSON 1

ANIMALS IN OUR WORLD

SUPPLY LIST

For today's lesson, gather:

- Coloring supplies
- Coloring page/ drawing tutorial of student's favorite animal
- 10s Animal Counting

LEARNING GOALS

Today, the student will be able to:

- Create a list of a known topic
- Describe animals with adjectives
- Make physical observations about animals in their world
- Comprehend poetry

READ

What animals can you find?
Think about this special notion.



Animals of every kind,



Live in the desert or the ocean.

Some may be big or scary
Some are small and cute

Some animals are tall or hairy
Some animals say kahoot!



Some animals sleep at night
While others are awake.



Some animals hunt with might.
While others run away.

Despite how they are different,
There's one thing that they share...

They all live on our Earth
A home we share with care.

DISCUSS

1. What is this poem mainly about?

2. Describe an animal that may be small and cute.

3. Using the poem, where do animals live?

4. What words rhyme with night?



WRITING AND GRAMMAR

Work together to write a list of as many animals as the student can brainstorm. Explain that when writing a list, we need not use full sentences and use bullet points instead. After writing a list, think of **adjectives** that describe each animal (hairy, large, quick, etc.).

Guess the Animal - One person chooses an animal to describe from the list without saying its name and only using adjectives. See how many guesses it takes!

MATH

Today, you'll practice counting by ones, fives, and tens.

Review counting out loud. Practice placing a finger on each image as you count.

Introduce the concept of 100s. There aren't just one or two or even ten animals in the world, there are hundreds!

INTEGRATED LEARNING ACTIVITY



Guided Drawing and Description of an Animal

First-

- Ask the student their favorite animal.
- Discuss what features or characteristics make that animal interesting to them.

Next -

- Look up a step-by-step drawing tutorial to help the child
- draw the animal. Provide assistance and encouragement.
- Opt. Print out a coloring picture of their favorite animal instead.

Last-

- Write describing adjectives around the animal.



TRACK UNDERSTANDING

1. Where do animals live?
2. List a couple of animals.
3. When writing a list, do we use full sentences? Why or why not?
4. Describe your favorite animal with an adjective.



COUNTING ANIMAL BY TENS REVIEW

Skip count by ones, fives, and tens to 100.



10



20



30



40



50



60



70



80



90



100