Vocabulary Builder: Volume 1

Step-by-step Lesson Plans





Table of Contents

Introduction:	
Lesson One: Program overview	7
Lesson Two: The Red Fox	9
Lesson Three: The Brown Pelican	11
Lesson Four: The Barn Owl	13
Lesson Five: The Green Sea Turtle	15
Lesson Six: The Bottlenose Dolphin	17
Lesson Seven: The Great Blue Heron	19
Lesson Eight: The Humpback Whale	21
Lesson Nine: The Sea Otter	23
Lesson Ten: The King Penguin	25
Classroom Expansion Options	26



Introduction:

SKILL BUILDING & COMMON CORE STANDARDS

Animal Tales satisfies multiple common core standards as students:



- Explore rhyme and meter in English with poetry
- Build science vocabulary with fun facts about each animal
- Check reading comprehension with scored quizzes on facts

VOCABULARY Builder

The vocabulary builder featuring over 250 words in each volume:



- Highlights the targeted vocabulary in context
- Provides a scored vocabulary practice section
- Allows users to navigate back and forth with links from the poem lines
 & natural science facts to the scored vocabulary practice



BACKGROUND

Poetry

Each volume of **Vocabulary Builder** features 9 poems in anapestic tetrameter - 4 rhythmic units each composed of 2 weak and one strong syllable:

Here's a short example of the anapestic tetrameter in the *King Penguin:*

On the **land**, they are **slow**, in the **wa**ter they **fly**

Their **wings** become **flip**pers, the **sea** is their **sky**.

Please note that it is possible to omit the first weak syllable or add an additional weak syllable at the end.

Prose

Each poem in *Vocabulary Builder* also features 24 facts about each animal and its environment. These facts are matched with the lines in the poem. This unique blending of poetry and prose satisfies Common Core Standards for both Informational text and Literature.

NAVIGATION

At the **main Table of Contents**, mouse over the chapter number to see the graphic change in the center and the title change in the upper right corner. Click on "Introduction" to get more information on the program. Click on "Final Review" to take the final test and get a score.





At the Chapter level, mouse over the chapter number in the lower left

The Red Fox
Natural Science Facts 1-2
Natural Science Facts 3-4
Natural Science Facts 5-6
Natural Science Facts 5-6
Natural Science Facts 7-8
Natural Science Facts 1-11
Natural Science Facts 11-12
Natural Science Facts 13-14
Natural Science Facts 15-16
Natural Science Facts 17-18
Natural Science Facts 17-18
Natural Science Facts 17-12
Natural Science Facts 21-22
Natural Science Facts 20-12
Natural Science Facts 20-12
Natural Science Facts 20-12
Vocabulary Practice

corner to see a pop-up menu with all the pages in that chapter. Click on the "Vocabulary" button in the lower right to go to the vocabulary practice. Click on "quiz" in the lower right corner to go to the chapter quiz and get a score. Click on the rhyming words in each line to go the page with the natural science facts.



Throughout the program, click on the thumbnail photo in the lower right to see a larger photograph of the animal, a predator, or its environment. Click a second time to minimize the photo.

Use the forward and backward arrows to move one page at a time. Click on the *Home icon* in the lower left corner to go back to the Table of Contents.



ORGANIZATION

Poems and photographs

There are nine poems with 24 lines each in each volume. Each poem features a different animal with photographs, audio, and text. See the larger photograph for the poem by clicking on the circular graphic in the upper right or the thumbnail photo in the lower right.

Poem lines with natural science facts, photographs, & vocabulary practice

Clicking on the rhyming words in each line takes you to a separate page featuring the



two
rhyming
lines with
two natural

Notarial Science Facts I-2

Vecabulary
Practice

In the dusk if comes hunting for squirrels and mice;
Watch if leap and sail high in the air once or twice.

Real faxes are omniveres. They eat mainly voles, mice, ground squirrels, and pocket gophers.

When hunting, they first pinpoint their prey's location by sound, then leap, sailing high above their target.

science facts and a photograph. Click once on the Vocabulary Builder button in



the upper left to highlight the targeted vocabulary. Click on the highlighted words to go directly to the scored Vocabulary Practice section (see details below).

Vocabulary Builder Buttons on Poem page

Mouse over the Vocabulary Builder buttons in each section to get more information about the meter for the poem.

Chapter Quiz

Each chapter has a multiple-choice quiz to check listening/reading comprehension for the facts.



Vocabulary Builder - Volume | Vocabulary Practice

There is a scored

Vocabulary practice in each chapter. Clicking on the highlighted word in the multiple-choice question will bring up the example of the word in context in the box at the top of the page.

Final Review

There is a scored Final Review with multiple rotating versions featuring three different question types:

(1) Word scrambles(2) Multiple-choice questions for the facts(3) Vocabulary builder

TARGET AUDIENCE

Students in middle school (reading grade levels 6.3-9.7)

MULTIPLE LEARNING STYLES

The photographs, extensive audio files, interactivity and automatic scoring appeals to multiple learning styles.



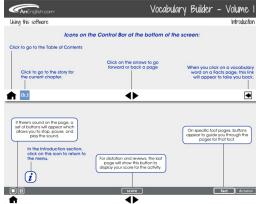
Lesson One: Program overview

In the lab: User Interface Tour

on the program.

Spend some time in the lab with the program on the screen to give students a quick tour of the navigation.

• At the main Table of Contents, mouse over the chapter number to see the graphic change in the center and the title change in the upper right corner. Click on "Introduction" and then "Using this Software" to get more information



- At the Chapter level, mouse over the chapter number in the lower left corner to see a pop-up menu with all the pages in that chapter. Click on "Vocabulary Practice" to go to the vocabulary practice. Click on "quiz" in the lower right corner to go to the chapter quiz and get a score.
- On the poem page, click on the rhyming words in each line to go the page with the natural science facts. On the Fact page, click on the "Vocabulary Word Builder" graphic to see the words highlight. Click on one of the highlighted words to go to the Vocabulary Practice section. Click on the arrow in the lower right of the screen to go back.
- Throughout the program, click on the thumbnail photo in the lower right to see a larger photograph of the animal, a predator, or its environment. Click a second time to minimize the photo.
- Use the forward and backward arrows to move one page at a time.
 Click on the *Home icon* in the lower left corner to go back to the Table of Contents.
- Take students to the Final review and let them explore the interactivity here as a preview. (Give students some time to play with the final review and check their scores.)



Warm up for the homework

Show the poem picture for *The Red Fox* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- What do you think it eats?
- What kind of habitat do you think this animal needs to survive?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

On your own in the lab/homework

Review Chapter One: *The Red Fox* including the poem, fact pages, and quiz.



Lesson Two: The Red Fox

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



Watch it leap and sail high in the air once or twice.



Vocabulary Comprehension Check: in the Lab or in the classroom with a projector



Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the

Show the poem picture for *Pelican* on the screen audio) or write the title for chapter on the board.

This can be a whole class teachers facilitating the



homework

The Brown
(stop the the first

exercise with discussion or

students can work in groups or with partners to answer the questions.

Ask students:



- Have you seen this animal before?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Two: *The Brown Pelican* including the poem, practices, and guizzes.



Lesson Three: The Brown Pelican

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.

Flying close to the water, in line, near the shore Then changing direction, together they soar.



Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Barn Owl* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you seen this animal before?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?



This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Three: *The Barn Owl* including the poem, practices, and quiz.



Lesson Four: The Barn Owl

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.

In the dark, he flies low as he searches the ground Like a ghost, white face turning to listen for sounds.



Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Green Sea Turtle* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the



scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Four: *The Green Sea Turtle* including the poem, practices, and quiz.



Lesson Five: The Green Sea Turtle

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



On the land, she is slow; in the water she glides In the ocean, she swims with a grace through the tides.

Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Bottlenose Dolphin* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the



scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Five: *The Bottlenose Dolphin* including the poem, practices, and guiz.



Lesson Six: The Bottlenose Dolphin

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



In warm seas, in the shallow blue waters, they play, See them arc as they jump; like the sea, bluish grey.

Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Great Blue Heron* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- What kind of animal is this?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the



scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

• Review Chapter Six: *The Great Blue Heron* including the poem, practices, and quiz.



Lesson Seven: The Great Blue Heron

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



In the spring when it rains, they come searching for frogs, Silent hunters when stalking their prey through the bogs,

Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Humpback Whale* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?

This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the



scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned. How will you apply it to your communication in English?

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Seven: *The Humpback Whale* including the poem, practices, and quiz.



Lesson Eight: The Humpback Whale

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



In the summer, they feed on the plankton and krill,

Teams of bubble net hunters all eating their fill.

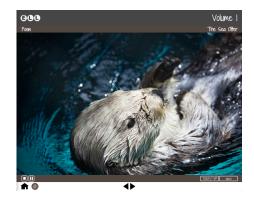
Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The Sea Otter* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?



This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Eight: *The Sea Otter* including the poem, practices, and quiz.



Lesson Nine: The Sea Otter

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



In a watery forest of kelp in the sea Growing up from the rocks like the branches of trees.

Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

Warm up for the homework

Show the poem picture for *The King Penguin* on the screen (stop the audio) or write the title for the first chapter on the board.

This can be a whole class exercise with teachers facilitating the discussion or students can work in groups or with partners to answer the questions.



Ask students:

- Have you ever seen this animal?
- What do you know about this animal?
- How do you think it gets its food?
- Where do you think it lives?



This warm-up can also be done as a cooperative activity. Put students in small groups of 4. The person with the longest hair in each group is the scribe or reporter. He/she takes notes. (You can mix this up, so the next time, the shortest person, or the person with the longest fingers in the group is the reporter.) Students work within a time limit to brainstorm all the information they currently know about this animal and its habitat. Groups report back to the class. The teacher or a student puts the information from the groups on the white board (eliminating any repetition and editing incorrect information).

Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Review Chapter Nine: *The King Penguin* including the poem, practices, and quiz.



Lesson Ten: The King Penguin

In the classroom:

Rhyming words: Whole class

- Play/Read the lines a couple of times.
- Elicit the rhyming words from the class.



On the land, they are slow, in the water they fly Their wings become flippers, the sea is their sky.

Vocabulary Comprehension Check: in the Lab or in the classroom with a projector

Go to the Vocabulary Practice for this chapter and project it on the board. Then set up teams and keep score. Each team will have one chance to choose the correct answer. If they miss it, the question goes to the other team.

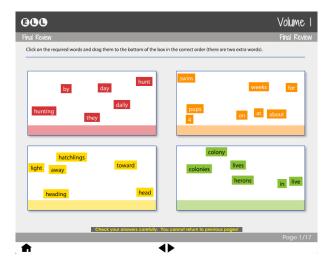
Reflect:

Take a moment to reflect on the lesson and share with a partner/the group what you've learned.

Share how the voice-over (audio) & photographs change/add to the experience of reading the text.

On your own in the lab/homework

Take the Final Review





Classroom Expansion Options

Follow-up activities

Organization of the stanzas in each poem

Divide the class into small groups (nine total); hand out the name of each of the 9 animals in this volume, one for each group. Each group will map the organization of their assigned poem. One member of the group will present the map orally supported by a quick sketch on the white board. After all the groups have presented, the teacher will facilitate identifying common organization features, for example, mating habits and care of offspring.

Animal attributes and environment

Ask students to identify one to two key attributes of each animal and explain how these attributes help that animal to survive in its environment. This can be an oral or a written assignment. It could also be used for groups. Each student in the group would choose a different animal and then present on his/her animal to the group.

This activity could be altered to a guessing game. Students present one or two key attributes for each animal and then the rest of the class guesses which animal it is.

Volume 1:

For example: (Eliminate the name of the animal for the guessing game)

Sea otters have the thickest fur of all mammals, which keeps them dry in the water. They also have 2 layers of this thick fur with air trapped between the layers to keep in warmth.

Research to find more facts about the animals

Assign each student an animal to research with the goal of finding one fact about the animal that is not covered in the program, *Animal Tales*.

True/False Group Activity for Facts



This activity can be extended by having students present six "facts" about each animal orally to the class, making up some that are **not** accurate. The audience would need to identify *true* vs. *false*.

A quick way to do this in a classroom is to have the audience show "thumbs up" for *true* and "thumbs down" for *false*.

Summarize & Guess

Divide the class into small groups (nine total); hand out the name of each of the 9 animals in this volume, one for each group. Have the group write down a short statement describing the theme for the poem about their assigned animal. Then share their statement orally with the class, without naming the animal. Have the rest of the class guess the animal. (If the class has difficulty guessing the animal, put the group's statement on the whiteboard for editing. Give the group some feedback on how to improve their statement by eliciting suggestions from the whole class.)

Research classes of animals

Discuss the definition of the six classes of animals, starting with mammals.

Which animals from *Animal Tales* fit into this category?

What are some of the reasons these animals fit the definition of mammals? Depending on the level, this activity could involve online research to clarify the definitions of each class with supporting pictures and examples. After completing this research, students could create a graphic or chart illustrating the six classes of animals.

Mapping - Geography

On a world map, show the places where each animal population featured in **Animal Tales** can be found.



Research factors affecting the survival of different species

Assign each student an animal to research for an **in-class oral presentation**

Volume 1: (For example)

- How are the kelp forests and the sea otters linked?
- Are there any benefits to other species in the resurgence of the kelp forests?