

BIRDS, MAMMALS, AND REPTILES

Anchor Literature

Readtopia novel
The Story of Dr. Dolittle

Book Summary

Dr. Dolittle likes people, but he likes animals even more. Discovering that he can talk to animals, Dr. Dolittle sets off to Africa to save sick monkeys.

Author's Intention

To illustrate that following your interests and strengths, while treating all living creatures with kindness and concern, can lead to adventure and success.

INSTRUCTIONAL ELEMENTS

Video Lessons

- Identify details and engage in collaborative discussion related to the main idea of a video presentation.

Interactive Read Aloud Lessons

All Lesson Types

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.

Picture Walk

- Identify parts of illustrations that depict a particular setting, or event.
- Build understanding and make connections by describing and talking about illustrations.
- Demonstrate understanding while actively engaged in shared reading of stories.

Vocabulary

- Determine the meaning of words in a text
 - Literal meaning of words and phrases in context
 - Real-life connections between words and their use
 - Words that describe personal emotions

Print Referencing

- Build understanding of concepts about print including concept of letter names / sounds, words, capitalization, punctuation, and directionality.

Key Ideas and Details

- Identify words in a text to answer a question about explicit information
- Describe and discuss information about the characters, setting, and / or facts that are in the text.

Integration of Knowledge and Ideas

- Integrate knowledge, skills, and experiences with the information provided in the text.

English Language Arts Objectives

BIRDS, MAMMALS, AND REPTILES

INSTRUCTIONAL ELEMENTS

English Language Arts Objectives

Shared Reading Lessons

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.
- Build reading / listening comprehension skills including:
 - Important background knowledge
 - Emergent literacy understandings
 - Expressive and receptive communication skills
 - Understanding and concepts of print

Informational Text Lessons

- Compare two ideas in a text.
- Identify an explicit detail that is related to an event or idea in a scientific text.
- Identify an explicit detail that is related to an event or idea in a scientific / geographic text.
- Identify words in the text to answer a question about explicit information.
- Use information found in visual elements and words in the text to answer explicit Wh— questions.
- Use information from visual elements and words in the text to answer questions about explicit information.

Predictable Chart Writing

- With guidance and support, participate in shared writing during which students:
 - Offer / choose word(s) (nouns and adjectives) to complete a simple sentence frame
 - Recognize that sentences begin with a capital letter and end with a period
 - Recognize that a sentence is written and read from left to right
 - Demonstrate emerging understanding of conventions of standard English
 - Identify the first and last letter of a word
 - Identify where one word ends and a new word begins
 - Recognize that there is a space between words
 - Identify the first and last word in a sentence
 - Arrange words in a logical order to form a complete sentence
 - Participate in creation of a text for the classroom library that can be re-read
 - Identify the front and back cover of a book
 - Select pictures to relate to the sentence created
 - Demonstrate understanding of how to turn the pages of a book when reading
- Read text comprised of familiar words with accuracy and understanding.

BIRDS, MAMMALS, AND REPTILES

INSTRUCTIONAL ELEMENTS

Science Topics	Dolittle's Monkeys Watch a video to learn about how monkeys and apes are the same and different.
	Doctors for Gorillas Doctors caring for endangered Mountain Gorillas.
	Elephant's Trunks Watch a video and read facts about how elephants use their trunks.
	Bird Migration Explore reasons for bird migration and follow bird migration paths on a map.
	How Hot Is It? A bar chart shows average temperatures at the equator and South Pole.
	Evaporation Follow directions to evaporate water from salt water.
	Elephants Learn basic facts about elephants.
	Lemurs Watch a video to learn about the characteristics of lemurs.
	Weight of Ice and Water Compare the weight of water in liquid and solid forms.
	Survival of a Baby Gazelle Follow a new-born gazelle to learn how they are born with the ability to walk and run to survive in a dangerous environment.
	Brick Science Watch a video to learn how bricks are formed through evaporation of water from mud.
Social Studies Topics	Rainforests Locate rainforests on a map and learn of animals found there.
	Being a Helper Compare the effect of doing a job alone or with help.
	At the Water Hole Discover the importance and dangers of an African water hole in the lives of the animals who live there.
	Abolition Read a timeline of the fight against slavery between 1826 and 1865, and learn about the life of famous African-American abolitionist, Frederick Douglass.
Text Types Taught	<ul style="list-style-type: none"> • Article with a Sidebar • Chart • Compare • Directions • Fantastic Facts • Map
Key Vocabulary Words (Content-specific)	beg / begged, Canada goose, equator, evaporate, extinct, forest, gazelle, jungle, lemur, migrate / migration, Mountain gorilla, need, orphan, pushmi-pullyu, rain, rainforest, rare, shade, shy, sink, swallow, temperature, trait, trunk (elephant), want, waterhole

BIRDS, MAMMALS, AND REPTILES

MATH

Math Objectives

- Combine sets and count to add;
Use single and double digit numbers to add.
- Divide into equal sets or areas and recognize fractions (halves, thirds, fourths, and tenths).
- Separate sets and count to subtract;
Use single and double digit numbers to subtract.
- Sequence pictures using “before,” “during,” and “after”
- Tell time to the hour, half hour, and minute.
- Use repeated addition to solve problems.
- Use shapes and numbers to create a pattern.

Math Domains

- Addition
- Numbers and Operations – Fractions
- Numbers and Operations in Base Tens
- Operations and Algebraic Thinking
- Subtraction
- Time

Math Vocabulary Taught

addition, after, before, combine, during, fraction, group, less, more, object, pattern, repeat, separate, subtraction, total, whole



LIFE LESSONS

Anchor Literature

Readtopia novel
Aesop's Fables

Book Summary

A collection of three short stories:

- a tortoise believes he can win a race against a hare;
- two mice live different lives — one of simplicity and one of excess
- a mouse believes he can help a lion.

Author's Intention

To teach about fables or morals — life lessons of determination vs arrogance and laziness; appreciating what you have; and of mercy and kindness.

INSTRUCTIONAL ELEMENTS

Video Lessons

- Identify details and engage in collaborative discussion related to the main idea of a video presentation.

Interactive Read Aloud Lessons

All Lesson Types

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.

Picture Walk

- Identify parts of illustrations that depict a particular setting, or event.
- Build understanding and make connections by describing and talking about illustrations.
- Demonstrate understanding while actively engaged in shared reading of stories.

Vocabulary

- Determine the meaning of words in a text
 - Literal meaning of words and phrases in context
 - Real-life connections between words and their use
 - Words that describe personal emotions

Print Referencing

- Build understanding of concepts about print including concept of letter names / sounds, words, capitalization, punctuation, and directionality.

Key Ideas and Details

- Identify words in a text to answer a question about explicit information
- Describe and discuss information about the characters, setting, and / or facts that are in the text.

Integration of Knowledge and Ideas

- Integrate knowledge, skills, and experiences with the information provided in the text.

English Language Arts Objectives

INSTRUCTIONAL ELEMENTS

English Language Arts Objectives

Shared Reading Lessons

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.
- Build reading / listening comprehension skills including:
 - Important background knowledge
 - Emergent literacy understandings
 - Expressive and receptive communication skills
 - Understanding and concepts of print

Informational Text Lessons

- Identify details that elaborate on an idea introduced in a text.
- Identify the main idea of a text and compare / contrast details or facts related to it.
- Identify words in the text to answer a question about explicit information.
- Use information found in visual elements and words in the text to answer explicit Wh– questions.
- Use information from visual elements and words in the text to answer questions about explicit information.

Predictable Chart Writing

- With guidance and support, participate in shared writing during which students:
 - Offer / choose word(s) (nouns and adjectives) to complete a simple sentence frame
 - Recognize that sentences begin with a capital letter and end with a period
 - Recognize that a sentence is written and read from left to right
 - Demonstrate emerging understanding of conventions of standard English
 - Identify the first and last letter of a word
 - Identify where one word ends and a new word begins
 - Recognize that there is a space between words
 - Identify the first and last word in a sentence
 - Arrange words in a logical order to form a complete sentence
 - Participate in creation of a text for the classroom library that can be re-read
 - Identify the front and back cover of a book
 - Select pictures to relate to the sentence created
 - Demonstrate understanding of how to turn the pages of a book when reading
- Read text comprised of familiar words with accuracy and understanding.

LIFE LESSONS

INSTRUCTIONAL ELEMENTS

Science Topics	Athlete Speed Use a bar chart to compare speed.
	Food Chain Watch a video and read an article to learn where plants and animals get their energy.
	Lions Learn some fantastic facts about lions.
	Muscles Watch a video and read an article to learn some fantastic facts about the muscles in our bodies.
Social Studies Topics	City vs Country Watch a video and read an article to compare characteristics of life in the city vs life in the country.
	Feeling Grateful Follow directions to think about things you are grateful for.
Text Types Taught	<ul style="list-style-type: none"> • Article with a Sidebar • Bar Chart • Compare • Directions • Fantastic Facts
Key Vocabulary Words (Content-specific)	athlete, energy, food chain, grateful, hare, muscle(s), predator, pride, tortoise

MATH

Math Objectives	<ul style="list-style-type: none"> • Combine sets and count to add; Use single and double digit numbers to add. • Identify shapes that are the same; Sort shapes by number of sides or angles. • Sequence pictures using “before,” “during,” and “after;” Tell time to the hour, half hour, and minute.
Math Domains	<ul style="list-style-type: none"> • Addition • Geometry • Time
Math Vocabulary Taught	addition, after, angle, before, different, during, more, same, total



MYSTERIES AND MUMMIES

Anchor Literature

Start-to-Finish novel
King Tut's Tomb

Book Summary

As a boy, Howard Carter loved learning about ancient Egypt. He dreamed about finding the mummy of an ancient king. As a young man, Howard got the chance to go to Egypt. Now, he wanted to find the tomb of a famous pharaoh — King Tut!

Author's Intention

To show that it's not enough just to have big dreams, you also need to work hard to achieve them.

INSTRUCTIONAL ELEMENTS

Video Lessons

- Identify details and engage in collaborative discussion related to the main idea of a video presentation.

Interactive Read Aloud Lessons

All Lesson Types

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.

Picture Walk

- Identify parts of illustrations that depict a particular setting, or event.
- Build understanding and make connections by describing and talking about illustrations.
- Demonstrate understanding while actively engaged in shared reading of stories.

Vocabulary

- Determine the meaning of words in a text
 - Literal meaning of words and phrases in context
 - Real-life connections between words and their use
 - Words that describe personal emotions

Print Referencing

- Build understanding of concepts about print including concept of letter names / sounds, words, capitalization, punctuation, and directionality.

Key Ideas and Details

- Identify words in a text to answer a question about explicit information
- Describe and discuss information about the characters, setting, and / or facts that are in the text.

Integration of Knowledge and Ideas

- Integrate knowledge, skills, and experiences with the information provided in the text.

English Language Arts Objectives

MYSTERIES AND MUMMIES

INSTRUCTIONAL ELEMENTS

English Language Arts Objectives

Shared Reading Lessons

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.
- Build reading / listening comprehension skills including:
 - Important background knowledge
 - Emergent literacy understandings
 - Expressive and receptive communication skills
 - Understanding and concepts of print

Informational Text Lessons

- Identify one or more reasons supporting a specific point in an informational text.
- Identify words in the text to answer a question about explicit information.
- Recount events in the order they were presented in the text.
- Use information from visual elements and words in the text to answer questions about explicit information.

Predictable Chart Writing

- With guidance and support, participate in shared writing during which students:
 - Offer / choose word(s) (nouns and adjectives) to complete a simple sentence frame
 - Recognize that sentences begin with a capital letter and end with a period
 - Recognize that a sentence is written and read from left to right
 - Demonstrate emerging understanding of conventions of standard English
 - Identify the first and last letter of a word
 - Identify where one word ends and a new word begins
 - Recognize that there is a space between words
 - Identify the first and last word in a sentence
 - Arrange words in a logical order to form a complete sentence
- Participate in creation of a text for the classroom library that can be re-read
 - Identify the front and back cover of a book
 - Select pictures to relate to the sentence created
 - Demonstrate understanding of how to turn the pages of a book when reading
- Read text comprised of familiar words with accuracy and understanding.

MYSTERIES AND MUMMIES

INSTRUCTIONAL ELEMENTS

Science Topics	Camels Learn some fantastic facts about camels in the desert.
	How to Make a Mummy Read an article to learn about making a mummy.
	Friction Read an article to learn about how the ancient Egyptians used friction to move blocks of stone when building the pyramids.
	Simple Machines Use a table to learn about the tools and machines ancient Egyptians used to build pyramids and tombs, and how these tools are still used today.
	Pyramids Watch a video to learn about ancient Egyptian pyramids and tombs.
	Sahara Desert Watch a video to learn about the Sahara Desert.
	Egypt and the Nile River Use a map to find Egypt, the Nile River, and the Valley of the Kings.
Social Studies Topics	Ancient Egypt Read a timeline to learn facts about ancient Egypt.
	Hieroglyphics Watch a video to learn about hieroglyphics — an ancient Egyptian writing.
	King Tut Read a biography to learn about King Tutankhamun.
	Tombs Watch a video to learn about Howard Carter’s discovery of King Tut’s tomb.
	Behind-the-Scenes of Making a Video Learn how the Readtopia team creates videos for each thematic unit — from building the sets, to filming with actors, to editing and putting everything together in a final movie.
Text Types Taught	<ul style="list-style-type: none"> • Article with a Sidebar • Biography • Fantastic Facts • Map • Table • Timeline
Key Vocabulary Words (Content-specific)	afterlife, Arctic, coffin, desert, energy, force, friction, hieroglyph, hieroglyphics, invisible, level, mummy, nostrils, passageway, pharaoh, pyramid, rainforest, ramp, set, tomb, trait, Valley of the Kings, wedge

MYSTERIES AND MUMMIES

MATH

Math Objectives

- Combine sets and count to add;
Use single and double digit numbers to add.
- Divide into equal sets or areas and recognize fractions (halves, thirds, fourths, and tenths).
- Identify shapes that are the same;
Sort shapes by number of sides or angles.
- Identify the value of money, more and less; counting on.
- Sequence pictures using “before,” “during,” and “after;”
Tell time to the hour, half hour, and minute.
- Use shapes and numbers to create a pattern.

Math Domains

- Addition
- Geometry
- Money
- Numbers and Operations – Fractions
- Operations and Algebraic Thinking
- Time

Math Vocabulary Taught

addition, after, angle, before, coins, different, dollar, during, fraction, more, pattern, repeat, same, separate, total, whole



A STORY OF SURVIVAL

Anchor Literature

Readtopia novel
The Swiss Family Robinson

Book Summary

The Robinson family is crossing the ocean to a new land. When a storm hits their ship, they crash onto rocks. The family must make a raft, hunt for food, and build a house.

Author's Intention

Show that navigating life's unknowns and adventures can lead to amazing discoveries and creating new paths.

INSTRUCTIONAL ELEMENTS

Video Lessons

- Identify details and engage in collaborative discussion related to the main idea of a video presentation.

Interactive Read Aloud Lessons

All Lesson Types

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.

Picture Walk

- Identify parts of illustrations that depict a particular setting, or event.
- Build understanding and make connections by describing and talking about illustrations.
- Demonstrate understanding while actively engaged in shared reading of stories.

Vocabulary

- Determine the meaning of words in a text
 - Literal meaning of words and phrases in context
 - Real-life connections between words and their use
 - Words that describe personal emotions

Print Referencing

- Build understanding of concepts about print including concept of letter names / sounds, words, capitalization, punctuation, and directionality.

Key Ideas and Details

- Identify words in a text to answer a question about explicit information
- Describe and discuss information about the characters, setting, and / or facts that are in the text.

Integration of Knowledge and Ideas

- Integrate knowledge, skills, and experiences with the information provided in the text.

English Language Arts Objectives

A STORY OF SURVIVAL

INSTRUCTIONAL ELEMENTS

English Language Arts Objectives

Shared Reading Lessons

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.
- Build reading / listening comprehension skills including:
 - Important background knowledge
 - Emergent literacy understandings
 - Expressive and receptive communication skills
 - Understanding and concepts of print

Informational Text Lessons

- Identify an explicit detail that is related to an event or idea in a scientific / geographic text.
- Identify one or more reasons supporting a specific point in an informational text.
- Identify words in the text to answer a question about explicit information.
- Read or listen to a text for a purpose: follow directions and interact with others about a text.
- Use information from visual elements and words in the text to answer questions about explicit information.

Predictable Chart Writing

- With guidance and support, participate in shared writing during which students:
 - Offer / choose word(s) (nouns and adjectives) to complete a simple sentence frame
 - Recognize that a sentence is written and read from left to right
 - Read text comprised of familiar words with accuracy and understanding. (Each lesson has additional objectives included.)

A STORY OF SURVIVAL

INSTRUCTIONAL ELEMENTS

Science Topics	Bamboo Learn fantastic facts about bamboo and its many uses.
	Buffalo Learn about buffalo and how Native Americans used the animals.
	Fish Learn fantastic facts about different types of fish.
	Levers Learn fantastic facts about levers and lifting heavy objects.
	Sharks Learn fantastic facts about different kinds of sharks.
	Trees Read an article about finding the ages of trees.
Social Studies Topics	Feeling Lonely Read about finding ways to feel better when you feel lonely.
	Geography Trace the Robinsons' planned ocean route on a map.
Text Types Taught	<ul style="list-style-type: none"> • Article with a Sidebar • Directions • Fantastic Facts • Map • Table
Key Vocabulary Words (Content-specific)	beach, beehive, butter churn, buttermilk, carding, churning, continent, cream, hill, honey, honey bees, lake, lever, lonely, loom, mountain, nectar, ocean, pulley, sail, sailboat, sailor, sails, spinning wheel, stomach, tree house, tree rings, weaving

MATH

Math Objectives	<ul style="list-style-type: none"> • Combine sets and count to add; Use repeated addition to solve problems. • Identify shapes that are the same; Sort shapes by number of sides or angles. • Identify the value of money, more and less; counting on. • Combine sets and count to add; Use repeated addition to solve problems. • Use shapes and numbers to create a pattern. • Sequence pictures using “before,” “during,” and “after;” Tell time to the hour, half hour, and minute.
Math Domains	<ul style="list-style-type: none"> <li style="width: 50%;">• Addition <li style="width: 50%;">• Numbers and Operations in Base Tens <li style="width: 50%;">• Geometry <li style="width: 50%;">• Operations and Algebraic Thinking <li style="width: 50%;">• Money <li style="width: 50%;">• Time
Math Vocabulary Taught	addition, after, angle, before, coins, combine, different, dollar, during, group, more, object, pattern, repeat, same, total



VALUES AND RESPONSIBILITIES

Anchor Literature

Start-to-Finish novel
Black Beauty

Book Summary

Black Beauty starts life with his gentle mother and a kind master. But as he goes from one master to the next, Beauty learns that not everyone is gentle and kind. He learns that he must work and some work is hard.

Author's Intention

Describe Black Beauty's life while showing that life is sometimes hard and doing the best you can despite your circumstances.

INSTRUCTIONAL ELEMENTS

Video Lessons

- Identify details and engage in collaborative discussion related to the main idea of a video presentation.

Interactive Read Aloud Lessons

All Lesson Types

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.

Picture Walk

- Identify parts of illustrations that depict a particular setting, or event.
- Build understanding and make connections by describing and talking about illustrations.
- Demonstrate understanding while actively engaged in shared reading of stories.

Vocabulary

- Determine the meaning of words in a text
 - Literal meaning of words and phrases in context
 - Real-life connections between words and their use
 - Words that describe personal emotions

Print Referencing

- Build understanding of concepts about print including concept of letter names / sounds, words, capitalization, punctuation, and directionality.

Key Ideas and Details

- Identify words in a text to answer a question about explicit information
- Describe and discuss information about the characters, setting, and / or facts that are in the text.

Integration of Knowledge and Ideas

- Integrate knowledge, skills, and experiences with the information provided in the text.

English Language Arts Objectives

VALUES AND RESPONSIBILITIES

INSTRUCTIONAL ELEMENTS

English Language Arts Objectives

Shared Reading Lessons

- Engage in collaborative interactions about text.
- Identify details in a text that is read aloud.
- Build reading / listening comprehension skills including:
 - Important background knowledge
 - Emergent literacy understandings
 - Expressive and receptive communication skills
 - Understanding and concepts of print

Informational Text Lessons

- Compare details related to character traits.
- Identify an explicit detail that is related to an event or idea in a scientific / geographic text.
- Identify one or more reasons supporting a specific point in an informational text.
- Identify words in the text to answer a question about explicit information.
- Use information from visual elements and words in the text to answer questions about explicit information.

Predictable Chart Writing

- With guidance and support, participate in shared writing during which students:
 - Offer / choose word(s) (nouns and adjectives) to complete a simple sentence frame
 - Recognize that sentences begin with a capital letter and end with a period
 - Recognize that a sentence is written and read from left to right
 - Demonstrate emerging understanding of conventions of standard English
 - Identify the first and last letter of a word
 - Identify where one word ends and a new word begins
 - Recognize that there is a space between words
 - Identify the first and last word in a sentence
 - Arrange words in a logical order to form a complete sentence
 - Participate in creation of a text for the classroom library that can be re-read
 - Identify the front and back cover of a book
 - Select pictures to relate to the sentence created
 - Demonstrate understanding of how to turn the pages of a book when reading
- Read text comprised of familiar words with accuracy and understanding.

VALUES AND RESPONSIBILITIES

INSTRUCTIONAL ELEMENTS

Science Topics	Blacksmiths Watch a video and read facts about how horseshoes are made.
	Horses Learn basic facts about horses.
	Horses Around the World Use a map to identify the location of three breeds of horses.
	Mammals Learn basic facts about mammals.
	Traits Learn about the special things that make horses good at different jobs.
	What Horses Eat Read an article to learn about the foods horses eat.
Social Studies Topics	Being Kind Compare the differences between being mean and being kind.
	Caring for a Horse Explore how to care for horses and keep them healthy.
	Feeling Better Explore things you can do to feel better when having a bad day.
	Horse Training Watch a video to see how a horse is trained.
	Seabiscuit Learn about the famous champion racehorse.
Text Types Taught	<ul style="list-style-type: none"> • Article with a Sidebar • Biography • Compare • Fantastic Facts • Map • Table
Key Vocabulary Words (Content-specific)	anvil, blacksmith, champion, grooming, halter, healthy, hoof / hooves, horseshoe, lead rope, mammals, racehorse, rider, species, stable, temperature, trainer, trait, warm-blooded

VALUES AND RESPONSIBILITIES

	MATH	
Math Objectives	<ul style="list-style-type: none"> • Combine sets and count to add; Use repeated addition to solve problems. • Combine sets and count to add; Use single and double digit numbers to add. • Separate sets and count to subtract; Use single and double digit numbers to subtract. • Sequence pictures using “before,” “during,” and “after;” Tell time to the hour, half hour, and minute • Use shapes and numbers to create a pattern. • Use the dollar-up method to pay for an item. Use the dollar-up method to determine the cost of an item. 	
Math Domains	<ul style="list-style-type: none"> • Addition • Money • Numbers and Operations in Base Tens 	<ul style="list-style-type: none"> • Operations and Algebraic Thinking • Subtraction • Time
Math Vocabulary Taught	addition, after, before, coins, combine, dollar, during, group, less, more, object, pattern, repeat, subtraction, total	

