



Rockin Readers Theater

Grades: 2, 3, 4, 5

States: Texas Essential Knowledge and Skills (TEKS)

Rockin' Readers Theater - Paper or Plastic?

Summary: This musical play about protecting the environment is designed as a perfect springboard for classroom discussion and activities about the environment. Includes a lot of humor and music, and a Teacher's Handbook with lesson plans, activities, and discussion questions. - Production Kit includes 20 scripts, Music CD, and Teacher's Handbook. (978-1-60115-150-6)

Texas Essential Knowledge and Skills (TEKS)

Language Arts

Grade: 2 - Adopted 2010

TEKS	TX.110.13.	English Language Arts and Reading, Grade 2
STUDENT EXPECTATION	(2.3)	Reading/Beginning Reading/Strategies. Students comprehend a variety of texts drawing on useful strategies as needed. Students are expected to:
GRADE LEVEL EXPECTATION	2.3 (B)	Ask relevant questions, seek clarification, and locate facts and details about stories and other texts and support answers with evidence from text.
GRADE LEVEL EXPECTATION	2.3 (C)	Establish purpose for reading selected texts and monitor comprehension, making corrections and adjustments when that understanding breaks down (e.g., identifying clues, using background knowledge, generating questions, re-reading a portion aloud).
TEKS	TX.110.13.	English Language Arts and Reading, Grade 2
STUDENT EXPECTATION	(2.5)	Reading/Vocabulary Development. Students understand new vocabulary and use it when reading and writing. Students are expected to:
GRADE LEVEL EXPECTATION	2.5 (B)	Use context to determine the relevant meaning of unfamiliar words or multiple-meaning words.
TEKS	TX.110.13.	English Language Arts and Reading, Grade 2
STUDENT EXPECTATION	(2.12)	Reading/Comprehension of Text/Independent Reading. Students read independently for sustained periods of time and produce evidence of their reading. Students are expected to read independently for a sustained period of time and paraphrase what the reading was about, maintaining meaning.
TEKS	TX.110.13.	English Language Arts and Reading, Grade 2
STUDENT EXPECTATION	(2.14)	Reading/Comprehension of Informational Text/Expository Text. Students analyze, make inferences and draw conclusions about and understand expository text and provide evidence from text to support their understanding. Students are expected to:
GRADE LEVEL EXPECTATION	2.14 (A)	Identify the main idea in a text and distinguish it from the topic.
GRADE LEVEL EXPECTATION	2.14 (B)	Locate the facts that are clearly stated in a text.
GRADE LEVEL EXPECTATION	2.14 (D)	Use text features (e.g., table of contents, index, headings) to locate specific information in text.
TEKS	TX.110.13.	English Language Arts and Reading, Grade 2
STUDENT EXPECTATION	(2.15)	Reading/Comprehension of Informational Text/Procedural Text. Students understand how to glean and use information in procedural texts and documents. Students are expected to:
GRADE LEVEL EXPECTATION	2.15 (B)	Use common graphic features to assist in the interpretation of text (e.g., captions, illustrations).
STUDENT EXPECTATION	(2.29)	Listening and Speaking/Speaking. Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to share information and ideas that focus

		on the topic under discussion, speaking clearly at an appropriate pace, using the conventions of language.
TEKS	TX.110.10(b)	Figure 19 TAC, Reading/Comprehension Skills Second Grade
STUDENT EXPECTATION	(2.1)	Reading/Comprehension Skills. Students use a flexible range of metacognitive reading skills in both assigned and independent reading to understand an author's message. Students will continue to apply earlier standards with greater depth in increasingly more complex texts as they become self-directed, critical readers. The student is expected to:
GRADE LEVEL EXPECTATION	2.1 (D)	Make inferences about text using textual evidence to support understanding.
GRADE LEVEL EXPECTATION	2.1 (F)	Make connections to own experiences, to ideas in other texts, and to the larger community and discuss textual evidence.

Grade: 3 - Adopted 2010

TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.2)	Reading/Beginning Reading/Strategies. Students comprehend a variety of texts drawing on useful strategies as needed. Students are expected to:
GRADE LEVEL EXPECTATION	3.2 (B)	Ask relevant questions, seek clarification, and locate facts and details about stories and other texts and support answers with evidence from text.
GRADE LEVEL EXPECTATION	3.2 (C)	Establish purpose for reading selected texts and monitor comprehension, making corrections and adjustments when that understanding breaks down (e.g., identifying clues, using background knowledge, generating questions, re-reading a portion aloud).
TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.4)	Reading/Vocabulary Development. Students understand new vocabulary and use it when reading and writing. Students are expected to:
GRADE LEVEL EXPECTATION	3.4 (B)	Use context to determine the relevant meaning of unfamiliar words or distinguish among multiple meaning words and homographs.
TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.11)	Reading/Comprehension of Text/Independent Reading. Students read independently for sustained periods of time and produce evidence of their reading. Students are expected to read independently for a sustained period of time and paraphrase what the reading was about, maintaining meaning and logical order (e.g., generate a reading log or journal; participate in book talks).
TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.13)	Reading/Comprehension of Informational Text/Expository Text. Students analyze, make inferences and draw conclusions about expository text and provide evidence from text to support their understanding. Students are expected to:
GRADE LEVEL EXPECTATION	3.13 (A)	Identify the details or facts that support the main idea.
GRADE LEVEL EXPECTATION	3.13 (B)	Draw conclusions from the facts presented in text and support those assertions with textual evidence.
GRADE LEVEL EXPECTATION	3.13 (D)	Use text features (e.g., bold print, captions, key words, italics) to locate information and make and verify predictions about contents of text.
TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.20)	Writing/Expository and Procedural Texts. Students write expository and procedural or work-related texts to communicate ideas and information to specific audiences for specific purposes. Students are expected to:
GRADE LEVEL EXPECTATION	3.20 (C)	Write responses to literary or expository texts that demonstrate an understanding of the text.
TEKS	TX.110.14.	English Language Arts and Reading, Grade 3
STUDENT EXPECTATION	(3.26)	Research/Gathering Sources. Students determine, locate, and explore the full range of relevant sources addressing a research question and systematically record the information they gather. Students are expected to:
GRADE LEVEL EXPECTATION	3.26 (B)	Use skimming and scanning techniques to identify data by looking at text features (e.g., bold print, captions, key words, italics).
STUDENT EXPECTATION	(3.30)	Listening and Speaking/Speaking. Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to speak coherently about the topic under discussion, employing eye contact, speaking rate, volume, enunciation, and the conventions of language to communicate ideas effectively.
TEKS	TX.110.10(b)	Figure 19 TAC, Reading/Comprehension Skills Third Grade

STUDENT EXPECTATION	(3.1)	Reading/Comprehension Skills. Students use a flexible range of metacognitive reading skills in both assigned and independent reading to understand an author's message. Students will continue to apply earlier standards with greater depth in increasingly more complex texts as they become self-directed, critical readers. The student is expected to:
GRADE LEVEL EXPECTATION	3.1 (D)	Make inferences about text and use textual evidence to support understanding.

Grade: 4 - Adopted 2010

TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.2)	Reading/Vocabulary Development. Students understand new vocabulary and use it when reading and writing. Students are expected to:
GRADE LEVEL EXPECTATION	4.2 (B)	Use the context of the sentence (e.g., in-sentence example or definition) to determine the meaning of unfamiliar words or multiple meaning words.
TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.9)	Reading/Comprehension of Text/Independent Reading. Students read independently for sustained periods of time and produce evidence of their reading. Students are expected to read independently for a sustained period of time and paraphrase what the reading was about, maintaining meaning and logical order (e.g., generate a reading log or journal; participate in book talks).
TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.11)	Reading/Comprehension of Informational Text/Expository Text. Students analyze, make inferences and draw conclusions about expository text and provide evidence from text to support their understanding. Students are expected to:
GRADE LEVEL EXPECTATION	4.11 (A)	Summarize the main idea and supporting details in text in ways that maintain meaning.
GRADE LEVEL EXPECTATION	4.11 (D)	Use multiple text features (e.g., guide words, topic and concluding sentences) to gain an overview of the contents of text and to locate information.
TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.13)	Reading/Comprehension of Informational Text/Procedural Texts. Students understand how to glean and use information in procedural texts and documents. Students are expected to:
GRADE LEVEL EXPECTATION	4.13 (B)	Explain factual information presented graphically (e.g., charts, diagrams, graphs, illustrations).
TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.18)	Writing/Expository and Procedural Texts. Students write expository and procedural or work-related texts to communicate ideas and information to specific audiences for specific purposes. Students are expected to:
GRADE LEVEL EXPECTATION	4.18 (C)	Write responses to literary or expository texts and provide evidence from the text to demonstrate understanding.
TEKS	TX.110.15.	English Language Arts and Reading, Grade 4
STUDENT EXPECTATION	(4.24)	Research/Gathering Sources. Students determine, locate, and explore the full range of relevant sources addressing a research question and systematically record the information they gather. Students are expected to:
GRADE LEVEL EXPECTATION	4.24 (B)	Use skimming and scanning techniques to identify data by looking at text features (e.g., bold print, italics).
STUDENT EXPECTATION	(4.28)	Listening and Speaking/Speaking. Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to express an opinion supported by accurate information, employing eye contact, speaking rate, volume, and enunciation, and the conventions of language to communicate ideas effectively.
TEKS	TX.110.10(b)	Figure 19 TAC, Reading/Comprehension Skills Fourth Grade
STUDENT EXPECTATION	(4.1)	Reading/Comprehension Skills. Students use a flexible range of metacognitive reading skills in both assigned and independent reading to understand an author's message. Students will continue to apply earlier standards with greater depth in increasingly more complex texts as they become self-directed, critical readers. The student is expected to:
GRADE LEVEL EXPECTATION	4.1 (D)	Make inferences about text and use textual evidence to support understanding.

Grade: 5 - Adopted 2010

TEKS	TX.110.16.	English Language Arts and Reading, Grade 5
STUDENT EXPECTATION	(5.2)	Reading/Vocabulary Development. Students understand new vocabulary and use it when reading and writing. Students are expected to:

GRADE LEVEL EXPECTATION	5.2 (B)	Use context (e.g., in-sentence restatement) to determine or clarify the meaning of unfamiliar or multiple meaning words.
TEKS	TX.110.16.	English Language Arts and Reading, Grade 5
STUDENT EXPECTATION	(5.9)	Reading/Comprehension of Text/Independent Reading. Students read independently for sustained periods of time and produce evidence of their reading. Students are expected to read independently for a sustained period of time and summarize or paraphrase what the reading was about, maintaining meaning and logical order (e.g., generate a reading log or journal; participate in book talks).
STUDENT EXPECTATION	(5.10)	Reading/Comprehension of Informational Text/Culture and History. Students analyze, make inferences and draw conclusions about the author's purpose in cultural, historical, and contemporary contexts and provide evidence from the text to support their understanding. Students are expected to draw conclusions from the information presented by an author and evaluate how well the author's purpose was achieved.
TEKS	TX.110.16.	English Language Arts and Reading, Grade 5
STUDENT EXPECTATION	(5.11)	Reading/Comprehension of Informational Text/Expository Text. Students analyze, make inferences and draw conclusions about expository text and provide evidence from text to support their understanding. Students are expected to:
GRADE LEVEL EXPECTATION	5.11 (A)	Summarize the main ideas and supporting details in a text in ways that maintain meaning and logical order.
GRADE LEVEL EXPECTATION	5.11 (B)	Determine the facts in text and verify them through established methods.
GRADE LEVEL EXPECTATION	5.11 (D)	Use multiple text features and graphics to gain an overview of the contents of text and to locate information.
TEKS	TX.110.16.	English Language Arts and Reading, Grade 5
STUDENT EXPECTATION	(5.13)	Reading/Comprehension of Informational Text/Procedural Texts. Students understand how to glean and use information in procedural texts and documents. Students are expected to:
GRADE LEVEL EXPECTATION	5.13 (B)	Interpret factual or quantitative information presented in maps, charts, illustrations, graphs, timelines, tables, and diagrams.
TEKS	TX.110.16.	English Language Arts and Reading, Grade 5
STUDENT EXPECTATION	(5.18)	Writing/Expository and Procedural Texts. Students write expository and procedural or work-related texts to communicate ideas and information to specific audiences for specific purposes. Students are expected to:
GRADE LEVEL EXPECTATION	5.18 (C)	Write responses to literary or expository texts and provide evidence from the text to demonstrate understanding.
STUDENT EXPECTATION	(5.28)	Listening and Speaking/Speaking. Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to give organized presentations employing eye contact, speaking rate, volume, enunciation, natural gestures, and conventions of language to communicate ideas effectively.
TEKS	TX.110.10(b)	Figure 19 TAC, Reading/Comprehension Skills Fifth Grade
STUDENT EXPECTATION	(5.1)	Reading/Comprehension Skills. Students use a flexible range of metacognitive reading skills in both assigned and independent reading to understand an author's message. Students will continue to apply earlier standards with greater depth in increasingly more complex texts as they become self-directed, critical readers. The student is expected to:
GRADE LEVEL EXPECTATION	5.1 (D)	Make inferences about text and use textual evidence to support understanding.
GRADE LEVEL EXPECTATION	5.1 (F)	Make connections (e.g., thematic links, author analysis) between and across multiple texts of various genres and provide textual evidence.

Science

Grade: 2 - Adopted 2010

TEKS	TX.112.13.	Science, Grade 2.
STUDENT EXPECTATION	(2.1)	Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures. The student is expected to:
GRADE LEVEL EXPECTATION	2.1 (C)	Identify and demonstrate how to use, conserve, and dispose of natural resources and materials such as conserving water and reuse or recycling of paper, plastic, and metal.
TEKS	TX.112.13.	Science, Grade 2.
STUDENT	(2.2)	Scientific investigation and reasoning. The student develops abilities necessary to

EXPECTATION		do scientific inquiry in classroom and outdoor investigations. The student is expected to:
GRADE LEVEL EXPECTATION	2.2 (B)	Plan and conduct descriptive investigations such as how organisms grow.
GRADE LEVEL EXPECTATION	2.2 (D)	Record and organize data using pictures, numbers, and words.
GRADE LEVEL EXPECTATION	2.2 (E)	Communicate observations and justify explanations using student-generated data from simple descriptive investigations.
GRADE LEVEL EXPECTATION	2.2 (F)	Compare results of investigations with what students and scientists know about the world.
TEKS	TX.112.13.	Science, Grade 2.
STUDENT EXPECTATION	(2.3)	Scientific investigation and reasoning. The student knows that information and critical thinking, scientific problem solving, and the contributions of scientists are used in making decisions. The student is expected to:
GRADE LEVEL EXPECTATION	2.3 (A)	Identify and explain a problem in his/her own words and propose a task and solution for the problem such as lack of water in a habitat.
TEKS	TX.112.13.	Science, Grade 2.
STUDENT EXPECTATION	(2.9)	Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environment. The student is expected to:
GRADE LEVEL EXPECTATION	2.9 (A)	Identify the basic needs of plants and animals.
GRADE LEVEL EXPECTATION	2.9 (C)	Compare and give examples of the ways living organisms depend on each other and on their environments such as food chains within a garden, park, beach, lake, and wooded area.
TEKS	TX.112.13.	Science, Grade 2.
STUDENT EXPECTATION	(2.10)	Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:
GRADE LEVEL EXPECTATION	2.10 (A)	Observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs such as fins help fish move and balance in the water.

Grade: 3 - Adopted 2010

TEKS	TX.112.14.	Science, Grade 3.
STUDENT EXPECTATION	(3.1)	Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following school and home safety procedures and environmentally appropriate practices. The student is expected to:
GRADE LEVEL EXPECTATION	3.1 (B)	Make informed choices in the use and conservation of natural resources by recycling or reusing materials such as paper, aluminum cans, and plastics.
TEKS	TX.112.14.	Science, Grade 3.
STUDENT EXPECTATION	(3.2)	Scientific investigation and reasoning. The student uses scientific inquiry methods during laboratory and outdoor investigations. The student is expected to:
GRADE LEVEL EXPECTATION	3.2 (A)	Plan and implement descriptive investigations, including asking and answering questions, making inferences, and selecting and using equipment or technology needed, to solve a specific problem in the natural world.
GRADE LEVEL EXPECTATION	3.2 (B)	Collect data by observing and measuring using the metric system and recognize differences between observed and measured data.
GRADE LEVEL EXPECTATION	3.2 (D)	Analyze and interpret patterns in data to construct reasonable explanations based on evidence from investigations.
TEKS	TX.112.14.	Science, Grade 3.
STUDENT EXPECTATION	(3.7)	Earth and space. The student knows that Earth consists of natural resources and its surface is constantly changing. The student is expected to:
GRADE LEVEL EXPECTATION	3.7 (D)	Explore the characteristics of natural resources that make them useful in products and materials such as clothing and furniture and how resources may be conserved.
TEKS	TX.112.14.	Science, Grade 3.
STUDENT EXPECTATION	(3.9)	Organisms and environments. The student knows that organisms have characteristics that help them survive and can describe patterns, cycles, systems, and relationships within the environments. The student is expected to:
GRADE LEVEL EXPECTATION	3.9 (A)	Observe and describe the physical characteristics of environments and how they support populations and communities within an ecosystem.

GRADE LEVEL EXPECTATION	3.9 (B)	Identify and describe the flow of energy in a food chain and predict how changes in a food chain affect the ecosystem such as removal of frogs from a pond or bees from a field.
GRADE LEVEL EXPECTATION	3.9 (C)	Describe environmental changes such as floods and droughts where some organisms thrive and others perish or move to new locations.
TEKS	TX.112.14.	Science, Grade 3.
STUDENT EXPECTATION	(3.10)	Organisms and environments. The student knows that organisms undergo similar life processes and have structures that help them survive within their environments. The student is expected to:
GRADE LEVEL EXPECTATION	3.10 (B)	Explore that some characteristics of organisms are inherited such as the number of limbs on an animal or flower color and recognize that some behaviors are learned in response to living in a certain environment such as animals using tools to get food.

Grade: 4 - Adopted 2010

TEKS	TX.112.15.	Science, Grade 4.
STUDENT EXPECTATION	(4.1)	Scientific investigation and reasoning. The student conducts classroom and outdoor investigations, following home and school safety procedures and environmentally appropriate and ethical practices. The student is expected to:
GRADE LEVEL EXPECTATION	4.1 (B)	Make informed choices in the use and conservation of natural resources and reusing and recycling of materials such as paper, aluminum, glass, cans, and plastic.
TEKS	TX.112.15.	Science, Grade 4.
STUDENT EXPECTATION	(4.2)	Scientific investigation and reasoning. The student uses scientific inquiry methods during laboratory and outdoor investigations. The student is expected to:
GRADE LEVEL EXPECTATION	4.2 (A)	Plan and implement descriptive investigations, including asking well-defined questions, making inferences, and selecting and using appropriate equipment or technology to answer his/her questions.
GRADE LEVEL EXPECTATION	4.2 (B)	Collect and record data by observing and measuring, using the metric system, and using descriptive words and numerals such as labeled drawings, writing, and concept maps.
GRADE LEVEL EXPECTATION	4.2 (D)	Analyze data and interpret patterns to construct reasonable explanations from data that can be observed and measured.
TEKS	TX.112.15.	Science, Grade 4.
STUDENT EXPECTATION	(4.7)	Earth and space. The students know that Earth consists of useful resources and its surface is constantly changing. The student is expected to:
GRADE LEVEL EXPECTATION	4.7 (C)	Identify and classify Earth's renewable resources, including air, plants, water, and animals; and nonrenewable resources, including coal, oil, and natural gas; and the importance of conservation.
TEKS	TX.112.15.	Science, Grade 4.
STUDENT EXPECTATION	(4.9)	Organisms and environments. The student knows and understands that living organisms within an ecosystem interact with one another and with their environment. The student is expected to:
GRADE LEVEL EXPECTATION	4.9 (A)	Investigate that most producers need sunlight, water, and carbon dioxide to make their own food, while consumers are dependent on other organisms for food.
GRADE LEVEL EXPECTATION	4.9 (B)	Describe the flow of energy through food webs, beginning with the Sun, and predict how changes in the ecosystem affect the food web such as a fire in a forest.

Grade: 5 - Adopted 2010

TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.1)	Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures and environmentally appropriate and ethical practices. The student is expected to:
GRADE LEVEL EXPECTATION	5.1 (B)	Make informed choices in the conservation, disposal, and recycling of materials.
TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.2)	Scientific investigation and reasoning. The student uses scientific methods during laboratory and outdoor investigations. The student is expected to:
GRADE LEVEL EXPECTATION	5.2 (A)	Describe, plan, and implement simple experimental investigations testing one variable.
GRADE LEVEL EXPECTATION	5.2 (C)	Collect information by detailed observations and accurate measuring.
GRADE LEVEL	5.2 (D)	Analyze and interpret information to construct reasonable explanations from direct

EXPECTATION		(observable) and indirect (inferred) evidence.
TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.6)	Force, motion, and energy. The student knows that energy occurs in many forms and can be observed in cycles, patterns, and systems. The student is expected to:
GRADE LEVEL EXPECTATION	5.6 (B)	Demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound.
TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.7)	Earth and space. The student knows Earth's surface is constantly changing and consists of useful resources. The student is expected to:
GRADE LEVEL EXPECTATION	5.7 (A)	Explore the processes that led to the formation of sedimentary rocks and fossil fuels.
GRADE LEVEL EXPECTATION	5.7 (C)	Identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels.
TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.9)	Organisms and environments. The student knows that there are relationships, systems, and cycles within environments. The student is expected to:
GRADE LEVEL EXPECTATION	5.9 (A)	Observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements.
GRADE LEVEL EXPECTATION	5.9 (B)	Describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers.
GRADE LEVEL EXPECTATION	5.9 (C)	Predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways.
TEKS	TX.112.16.	Science, Grade 5.
STUDENT EXPECTATION	(5.10)	Organisms and environments. The student knows that organisms undergo similar life processes and have structures that help them survive within their environments. The student is expected to:
GRADE LEVEL EXPECTATION	5.10 (B)	Differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle.