



The Rock Ranch



Fifth Grade Worksheets

Language Arts Standards: ELA5R3h. and ELA5W2d.

Math Standards: M55N3 a. and d.

Science Standards: S5L1a. and S5L4 a. and b.

Social Studies Standards: S55E2. and S55E3c.



Farming Vocabulary

Name _____



Some words have multiple meanings like the vocabulary below. Use the words differently to show understanding. Illustrate your phrases. (For example: Do you have your pole to go fishing? I have been fishing around for some great buys at the mall.)

farm	field	post	camp
farm	field	post	camp

Name _____

Use the vocabulary to write a creative summary of a pond's ecosystem.

habitat, food chain, predator, prey, camouflage, erosion

Lined writing area for the student's creative summary.



Name _____



$$\begin{array}{r} 54.34 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 41.25 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 31.48 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 93.79 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 71.43 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 64.80 \\ \times 62 \\ \hline \end{array}$$





Name _____

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1. It takes Farmer Truett 65 minutes to bush hog an acre of pasture. If he worked 2665 minutes, how many acres did he cut?

2. Farmer Truett's tractor uses 8 gallons of fuel per day. He uses his tractor 128.64 days per year. How much fuel will he need to purchase for the year?

3. A cow can drink 5 gallons of water per day. Farmer Truett's water tank contains 2245.6 gallons. Approximately how many cows did he have in his pasture to consume all the water?

4. Mr. Jeff uses 200 lbs. of fertilizer per acre. He used a total of 463,000 lbs. of fertilizer. How many acres did he fertilize?





Name _____

After your sample collection from the pond at The Rock Ranch, use the scientific data and instruments to name and classify the good and bad microorganisms.



Sample #1

Sample #2

Sample #3

Name	Good	Bad	Characteristics
Name	Good	Bad	Characteristics
Name	Good	Bad	Characteristics



Name _____

Find the vertebrate and invertebrate vocabulary. Chart each word correctly.

Z	E	T	A	R	B	E	T	R	E	V	N	I	P	J	L	W	S	A	O
N	E	Z	W	M	F	X	W	L	E	O	U	W	P	K	D	S	Q	C	P
O	L	V	E	P	E	M	N	Y	R	X	U	I	K	V	V	E	C	F	T
T	C	H	Z	L	T	K	A	R	O	O	O	X	F	Y	T	E	O	W	A
E	A	I	D	A	A	P	I	Q	Z	Y	Q	P	O	I	Y	K	P	F	R
L	T	C	G	T	R	Y	B	Q	P	Y	W	C	S	C	F	H	V	N	Y
E	N	U	O	E	E	V	I	F	O	M	H	A	E	V	I	D	T	D	V
K	E	Q	A	R	N	O	H	J	O	F	R	E	A	N	N	E	T	N	A
S	T	L	C	A	E	Q	P	I	P	A	K	J	X	W	E	O	F	G	G
O	L	D	U	L	G	Z	M	F	P	Q	C	C	B	T	D	B	O	W	Q
X	T	Z	P	W	E	D	A	N	A	E	C	A	T	S	U	R	C	K	C
E	R	Z	Q	S	R	D	E	T	N	E	M	E	G	E	S	Z	S	N	G

segmented	lateral
parasite	tentacle
invertebrate	crustacean
antennae	amphibian
exoskeleton	regenerate

Invetebrate Classification	Vertebrate Classification



Compare and Contrast

Name _____

Answer the following questions and record your answers on the chart based on your classroom study and the information gathered from your trip to The Rock Ranch.

<i>Then</i>	<i>Now</i>

1. What was life like and what would it be like to grow up on an American farm in the early 1900s?
2. How does the use of technology increase farming efficiency?
3. What were some of the advanced technologies that were available to a farm a hundred years ago?
4. How would you compare farm life 100 years ago to life on the farm today?



Name _____

You have just visited The Rock Ranch and learned about the goods and services produced from this ranch. Mr. Truett Cathy has seen many changes in the businesses throughout the years. Write about what goods and services might look like in the future and what things might be in demand because of shortages.
