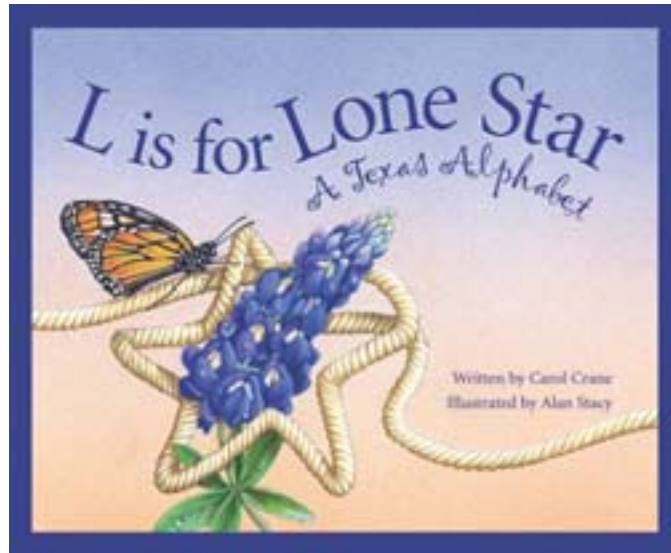


A Teacher's Guide

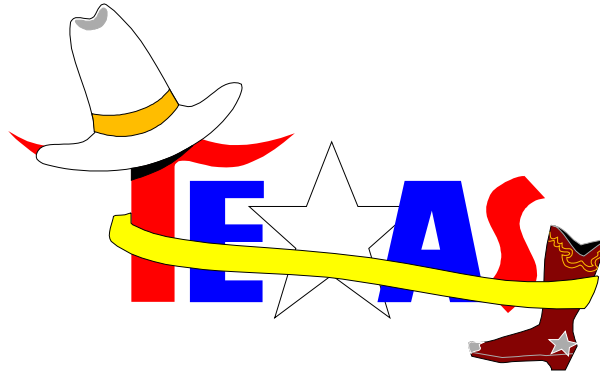


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Texas Memory Match

Learn the symbols of Texas by playing Texas Memory Match. Glue the backside of the following cards on a sheet of construction paper, then cut out the cards. Shuffle the cards before placing the cards facedown in rows of six. Take turns with a partner, trying to match the card pairs. For example - the match for the motto card is the friendship card; the match for bird card is the mockingbird card. When two cards are turned over and it is not a match, the cards are to be returned to its original spot. The player with the most matches is the winner!

Motto - Friendship

Capital - Austin

Flower - Bluebonnet

Plant - Pear Cactus

Tree - Pecan

Dish - Chili

Gem - Blue Topaz

Seashell - Lightning Whelk

Bird - Mockingbird

Insect - Monarch Butterfly

Reptile - Horned Lizard

Instrument - Guitar

Pepper - Jalapeño

Fruit - Ruby Red Grapefruit

Small Mammal - Armadillo

Large Mammal - Longhorn Cattle

Flag - Lone Star

Flying Mammal - Mexican Free-tailed Bat

Motto

Friendship

Capital

Austin

Flower

Bluebonnet

Plant

Pear Catcus

Tree

Pecan

Dish

Chili

Gem

Blue Topaz

Bird

Mockingbird

Insect

**Monarch
Butterfly**

Seashell

**Lighting
Whelk**

Reptile

**Horned
Lizard**

Instrument

Guitar

Pepper

Jalapenos

Fruit

**Ruby Red
Grapefruit**

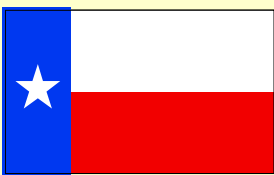
**Small
Mammal**

Armadillo

**Large
Mammal**

**Longhorn
Cattle**

Flag



Lone Star

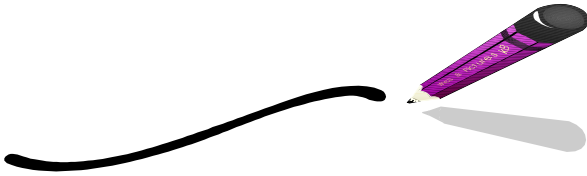
**Flying
Mammal**

**Mexican
Free-tailed
Bat**

Friendship

Friendship is the state motto of Texas. In fact, the word "Texas" is from the Native American word, "tejas" - which means friend. But, what does it mean to be a friend?

Read the following sentences and decide if the friend is being a **Blue Topaz Gem of a Friend** or a **Prickly Pear Cactus Friend**. Circle the correct response.



1. Your friend has two new pencils and notices your pencil is very short and the eraser is worn. Your friend gives you one of the new pencils.

Blue Topaz Gem of a Friend or **Prickly Pear Cactus Friend**

2. Your friend wants to talk to the new student in your class and decides to tell one of your most embarrassing secrets.

Blue Topaz Gem of a Friend or **Prickly Pear Cactus Friend**

3. Your friend is helping you with your math homework that you don't understand. Instead of explaining how to the problems, your friend completes the assignment for you.

Blue Topaz Gem of a Friend or **Prickly Pear Cactus Friend**

4. Your friend promised to help you after school on a project, but has been asked to go to the movies with another friend. Your friend makes the choice of helping you instead of going to the movie.

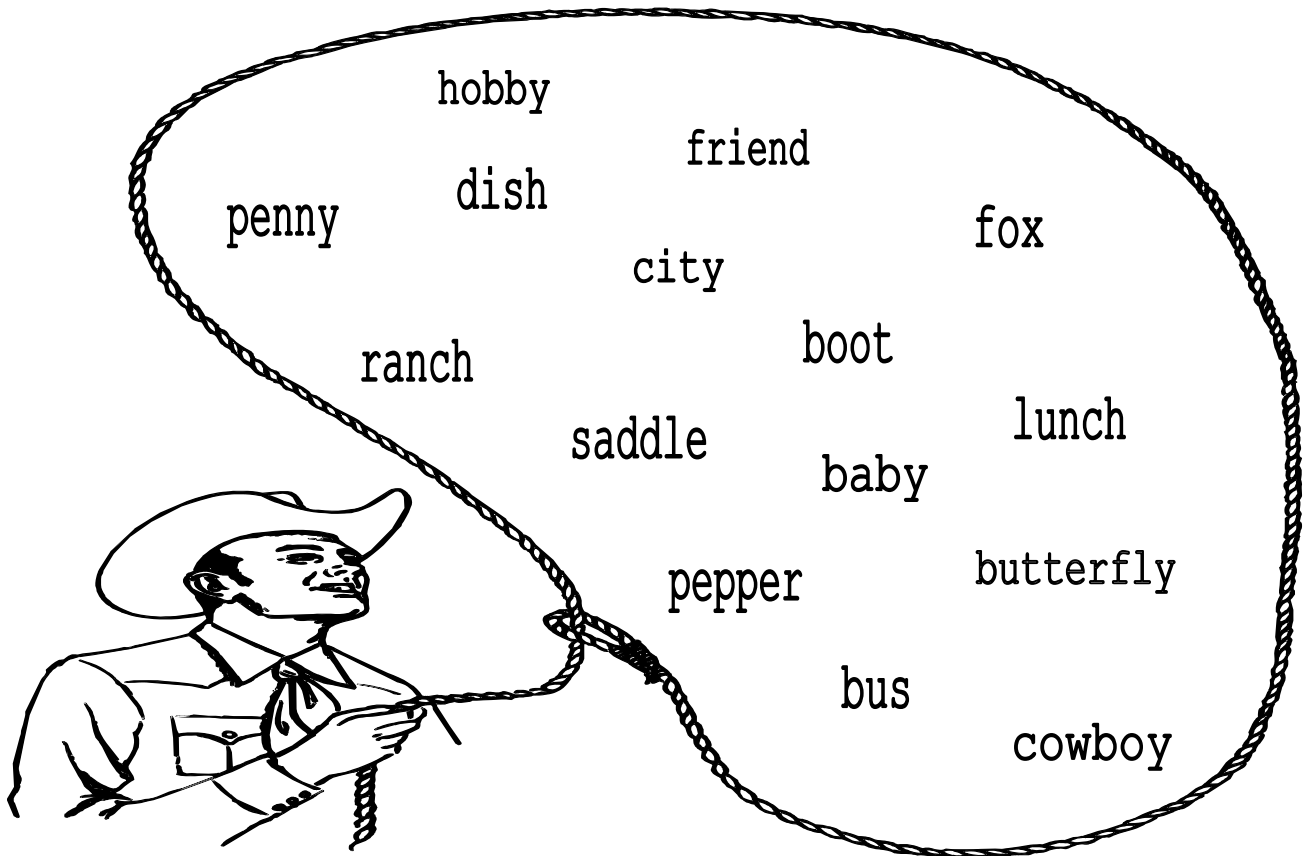
Blue Topaz Gem of a Friend or **Prickly Pear Cactus Friend**

5. Your friend found a pack of cigarettes and wants you to smoke one. You say no and your friend begins to tease you.

Blue Topaz Gem of a Friend or **Prickly Pear Cactus Friend**

Longhorn Cattle Drive Mix-up

Howdy Partner! Can you lend us a helping hand? The longhorn cattle from Lazy Y Ranch are mixed up with the longhorn cattle from the Big S Ranch and Easy ES Ranch. Saddle up and help sort through the herd. Change the singular form of each noun to the plural form. Write your answers in the boxes below.



Big S Ranch

1. _____
2. _____
3. _____
4. _____
5. _____

Easy ES Ranch
(For words ending in s, sh, ch and x and es)

1. _____
2. _____
3. _____
4. _____
5. _____

Lazy Y Ranch
(Change the y to i and add es)

1. _____
2. _____
3. _____
4. _____
5. _____

ARMADILLO MATH



The official small mammal of Texas is the nine-banded armadillo. An interesting fact about armadillos is they always give birth to identical quadruplets (four babies). Practice math facts with armadillo math!

Count by fours to complete the pattern.

4, 8, __, 16, 20, __, 28, 32, __, 40

Complete the facts.

1 x 4 = ____ 2 x 4 = ____ 3 x 4 = ____ 4 x 4 = ____

5 x 4 = ____ 6 x 4 = ____ 7 x 4 = ____ 8 x 4 = ____

9 x 4 = ____ 10 x 4 = ____

Complete the missing number in each family of facts.

$$\begin{array}{l} 1 \times 4 = 4 \\ 4 \times 1 = 4 \\ 12 \div 1 = 12 \\ 12 \div 4 = ___ \end{array}$$

$$\begin{array}{l} 4 \times 5 = 20 \\ 5 \times 4 = ___ \\ 20 \div 4 = 5 \\ 20 \div 5 = 4 \end{array}$$

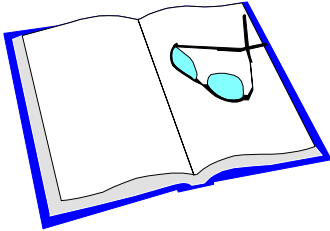
$$\begin{array}{l} 4 \times 9 = ___ \\ 9 \times 4 = 36 \\ 36 \div 4 = 9 \\ 36 \div 9 = 4 \end{array}$$

$$\begin{array}{l} 4 \times 6 = 24 \\ 6 \times 4 = 24 \\ 24 \div 4 = ___ \\ 24 \div 6 = ___ \end{array}$$

$$\begin{array}{l} 4 \times 8 = 32 \\ 8 \times 4 = ___ \\ 32 \div 4 = 8 \\ 32 \div 8 = ___ \end{array}$$

Where Am I?

Find a friend and together solve the mystery locations of Where Am I? Use *L is for Lone Star - A Texas Alphabet* and read the following clues to discover interesting places in Texas.



1. I am in the second largest city in Texas celebrating Fiesta Week. Where am I? _____
2. I am taking pictures of the life-size statues of Stephen F. Austin and Samuel Houston. Where am I? _____
3. I am at the Lyndon B. Johnson Space Center. Where am I?

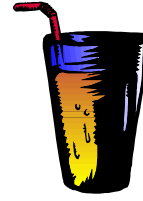
4. I am watching Mexican free-tailed bats flying under the Congress Avenue Bridge? Where am I?

5. I am at the widest part of the Rio Grande. Where am I?

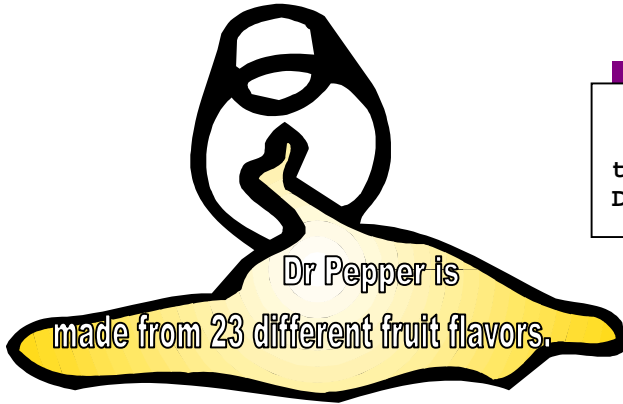
6. I am at the zoo in the Gulf Coast region. Where am I?

Answers

1. San Antonio
2. Austin
3. Houston
4. Austin
5. Big Bend National Park
6. Victoria



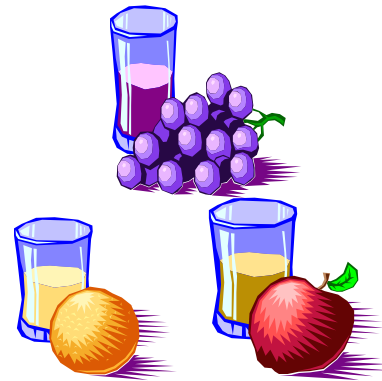
Fruit Flavored Drinks



Read page D of *L is Lone Star* to learn more information about Dr Pepper.

23 FRUIT FLAVORS

- Write a list of fruit flavors. Can you think of 23 different flavors?
- Compare your list with a partner. Circle the flavors you have the same. Add the flavors you didn't have to your list. Do you now have 23 different flavors?
- Compare your list with a group of 4 students. Now do you have 23 different flavors? Continue adding to your list by sharing your list with others.



Fruit Flavored Combinations

How many different two fruit flavor combinations can be made from 5 different types of juice?

Orange Grape Apple Cranberry Pineapple



Writing Guides

Old Three Hundred

O is for the "Old Three Hundred", land grants negotiated by Stephen Austin. Read additional information on page O of *L is for Lone Star* and then write a persuasive paragraph convincing a pioneer family to move to Texas.

Discuss with a partner the positive reasons to move. Write your ideas in this box.

Discuss with a partner the hardships the pioneers will face and how to prepare these difficulties. Write your ideas in this box.

Strike It Rich!



Strike It Rich! Math Game

Materials

2 Dice
Score Sheet

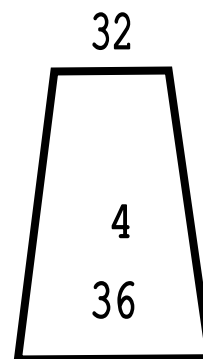
Directions

1. Roll two dice and decide to add or multiple the two numbers.
2. Record the answer on any one of the five oil wells.
3. Let your partner have a turn.
4. On your next turn, repeat step one and two. When you are recording the answer on an oil well that already has an answer, make the decision to add the two numbers together **or** subtract the larger number from the smaller number.
5. Continue taking turns until your reach the total sum on top of one of the oil wells.
6. The winner is the person to first strike it rich with math facts and reach the top sum.

Example

First roll was 6 and 6. The numbers were multiplied - $6 \times 6 = 36$, then 36 recorded in the well.

On a later roll, the dice read 1 and 3. The numbers were added $1 + 3 = 4$. That answer was then subtracted from the 36 recorded in the well.
 $36 - 4 = 32$



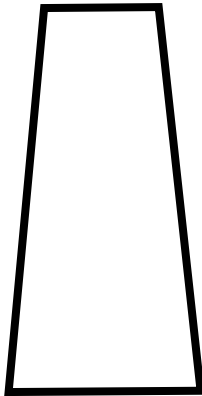


Strike It Rich!

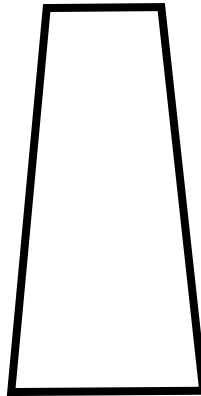


Player One _____

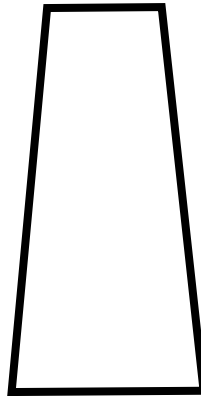
12



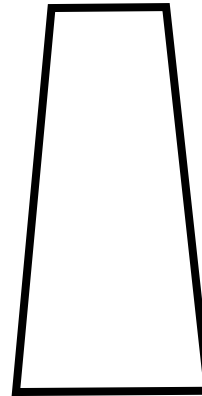
32



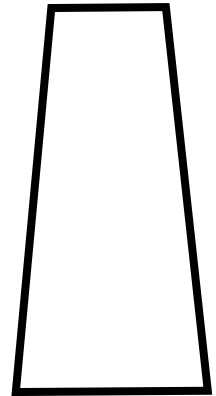
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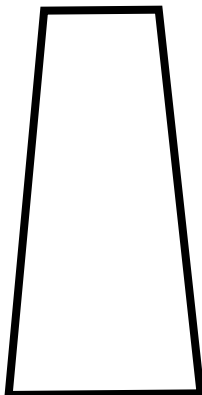


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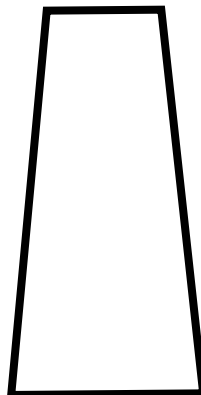


Player Two _____

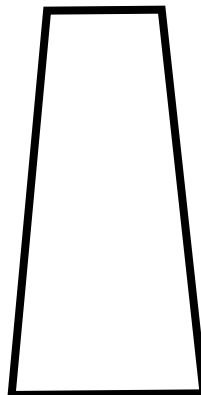
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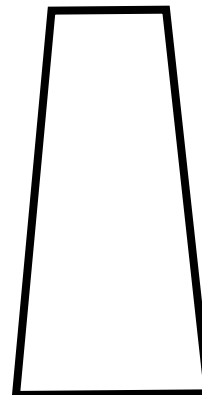
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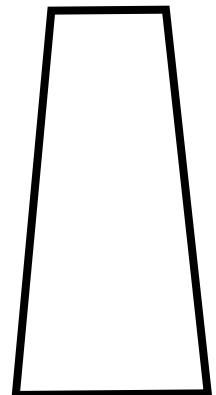
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15



28



I Spy A Mockingbird

Use *L is for Lone Star* and play a game of I spy. Look for the following words in the book, then read aloud the passage on the page to your partner.



Mockingbird
Can of kidney beans
Hotdog
Ferris wheel
Space craft
Canon
Black-tailed prairie dog
Roseate spoonbill
Pear cactus
Canoe
Buffalo
Combine
Chaps

Challenge

How many times can you find the American flag and the Texas flag?



The Fastest Draw in the West

Play a game of Quick Draw with Texas style words!

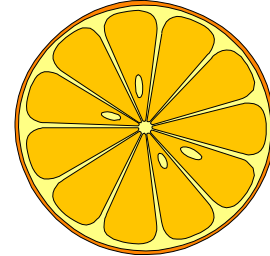
Form teams of 3 to 4 players. Provide each team with the same word. One player on each team draws the word while their team members guess the word. The first team to correctly **write** the correct word wins one point. Take turns letting each team member draw. Use *L is for Lone Star* as a reference while drawing pictures.

Word List

Austin
Quanah Parker
XIT Rodeo
Samuel Houston
Oil well
Chili
Pioneer
Pear cactus
David Crockett
Chuck wagon
Guitar
Mail coach
Stephen F. Austin
Bluebonnet
Texas Ranger
Blue topaz gem
Kit fox

Pronghorn
Longhorn cattle
Chisholm Trail
James A. Bowie
Big Bend National Park
Black-tailed prairie dog
Rio Grande River
William B. Travis
Lyndon B. Johnson Space Center
Scott Joplin
Mountain lion
Mockingbird
Monarch butterfly
Alamo
Mexican free-tailed bat
Nine-band armadillo
Pecan tree

Valley Agriculture Products



Read page V of *L is for Lone Star* to learn about the many products of the Rio Grande Valley. Unscramble the products listed below.

1. bacbaeg _____
2. mttoasoe _____
3. sroagne _____
4. ninoso _____
5. telteuc _____
6. rbcocoil _____
7. acrrtso _____
8. opniestitas _____
9. aole vrea lpnast _____
10. ubry der rgpaerfitu _____

Answers

1. cabbage
2. tomatoes
3. oranges
4. onions
5. lettuce
6. broccoli
7. carrots
8. poinsettias
9. aloe vera plants
10. ruby red grapefruit

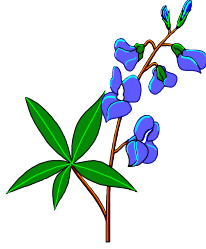
8 Seconds

Eight seconds is a short period of time - unless you're a bucking bull rider at the XIT rodeo, then 8 seconds can be a long period of time! Grab a stopwatch and try these 8 seconds activities with a partner.

In 8 Seconds

In 8 seconds try to write or say . . .

- the alphabet
- the presidents from Texas
- 5 cities in Texas
- 5 state symbols
- the names of the statues in honor of two men at Austin, the capitol of Texas
- spell bluebonnet
- sing Home on the Range
- the name of the "King of Ragtime" and the two instruments he had taught himself to play
- the numbers 8 to 80
- the names of the three famous men who fought and died at the Alamo
- 5 products grown in the Rio Grande Valley



A Woman's Sunbonnet

Can you find the possessive noun in this sentence?
The petals of a bluebonnet look like a woman's sunbonnet.

Possessive Nouns

Possessive nouns show ownership. Add an apostrophe and the letter s ('s) to singular nouns to form the possessive. Below are list of things that belong to John, Jared and Andrew. Write each item as a singular possessive noun.

John

hat
horse

Jared

saddle
cattle

Andrew

rope
boots

_____	_____	_____
_____	_____	_____

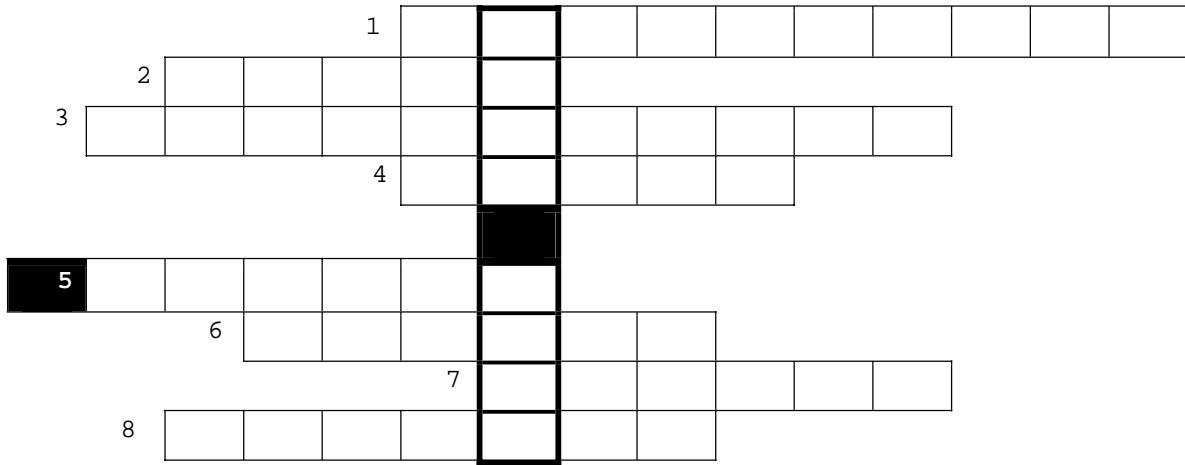
Rewrite these sentences. Make the nouns in parentheses singular possessive nouns.

1. (Mr. Joplin) banjo is next to his piano.

2. (Quanah Parker) courage inspired many people.

3. The (cowboy) dream was to win the rodeo.

Across Texas



Complete the crossword puzzle by reading the Texas clues and filling in the blanks. Look for the special Texas word in the outline going down!

Across

1. State flower
2. Friendship is the state _____
3. State bird
4. State tree
5. State plant - Pear _____
6. State musical instrument
7. State capital
8. State insect - _____ butterfly

Answer Key

				1	b	l	u	e	b	o	n	n	e	t
2	m	o	t	t	O									
m	o	c	k	i	n	g	b	i	r	d				
				4	p	e	c	a	N					
C	a	c	t	u	s									
	6	g	u	i	t	a	R							
				7	A	u	s	t	i	N				
8	m	o	n	a	r	c	h							

Special Texas Word - LONE STAR

Pecan Treat

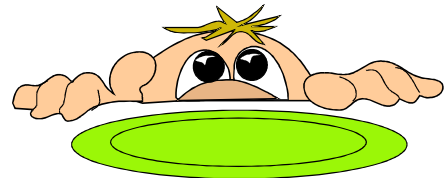


Ingredients

Shelled half pecans
Chocolate flavored almond bark
Caramel wraps (The wraps used for
caramel apples)

Directions

1. Cut caramel wraps into 1 inch squares.
2. Wrap caramel around pecan.
3. Melt almond bark.
4. Dip wrapped pecans into almond bark.
5. Place on wax paper until cool.



Variation

1. Chop pecans into small pieces.
2. Cut caramel squares into smaller squares.
3. Melt chocolate flavored almond bark.
4. Mix pecans and caramel with almond bark.
5. Drop teaspoon size portions of the mixture on wax paper.
6. Allow pecan treat to cool.

Website Suggestions

Check out these websites for information relating to Texas.

For information on the state symbol, flag, great seal, capital, nickname and motto, visit www.netstate.com

Check out this site www.famoustexans.com for biographies and historical and interesting facts about famous Texans.

Learn about the state insect - the monarch butterfly at www.monarchwatch.org and www.milkweedcafe.com. Learn about the monarch's yearly migration and view a series of photos showing a monarch caterpillar forming its chrysalis.

Visit an uniquely Texas site - www.lsjunction.com to view images of Texas and listen to the state song of Texas, as well as the Cotton-Eyed Joe, Yellow Rose of Texas, Deep in the Heart of Texas and much more.

Take a virtual tour of on-line exhibits at <http://www.tmm.utexas.edu>