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# Prevent Sunscald on Young Trees

opportunistic insects it is too late to do anything. Wrapping the trunk after the damage has become evident will not help nor will applying pruning paint to exposed wood.

Winter damage to the trunk similar to sunscald can occur when unusually warm falls are followed by very cold temperatures. The absence of a gradual transition from warm weather to cold does not allow the plant to acclimate. Likewise reflected light from glass, pavement, and snow or another heat source such as a burn pile can result in damage to young, thin-barked trees. Sunscald is more common on thin bark species such as maple (especially red maple) linden, beech, and fruit trees (apple, crabapple, cherries, etc.).

### Some ways to prevent sunscald are as follows:

- Painting trunks white will reflect light back from the trunk. While this is often done in commercial orchards, it is permanent and aesthetically undesirable in land-

scapes. Oil base paints should never be used as these materials will damage living tissues in the trunk. Only interior latex paint should be used and is often thinned with water before being applied to the trunk.

- Paper wraps around the trunk will provide some re-reflection of light and additional insulating of the cambium. However, these wraps must be removed in very early spring before they begin to girdle the expanding trunk. Failure to remove paper wraps can also provide an excellent environment for diseases and insects to grow. If paper wraps are used it is essential that they be wrapped from the ground upward. This allows the overlapping layers to shed water like the shingles on a roof.

- Note that plastic pipes put on trunks, often with the intention of providing protection from lawn equipment do not work. Black pipe is especially bad about making the trunk even warmer than it otherwise would

have been.

- Plastic screen like that used on windows can be looped loosely around a trunk and stapled to itself (never stapled to the trunk). This provides some shading but allows the trunk to dry out naturally after it has become wet. It can be left on for a couple of years without the potential of causing trunk damage by girdling.

- Digging larger soil balls on trees for transplant captures a larger percent of the plant's root system and also helps reduce the potential for sunscald.

Sunscald is a preventable type of injury to landscape trees. However, protective measures must be applied now before conditions develop for its formation. For more information, contact the Estill County Extension Office at 606-723-4557.

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## Wishing Well®

4	5	3	4	5	6	7	4	6	2	6	5	3
Y	Q	A	O	U	J	K	U	O	C	Y	I	B
7	8	5	7	3	8	5	4	5	3	2	8	4
E	S	C	E	R	U	K	D	A	I	H	C	E
3	5	6	3	5	6	4	8	5	6	2	5	3
E	C	F	F	T	U	L	C	I	L	A	O	E
2	3	4	8	5	6	8	4	3	7	6	2	6
R	N	I	E	N	D	S	G	C	P	A	M	Y
4	5	3	5	2	8	2	4	8	2	5	8	5
H	N	O	E	E	S	D	T	I	L	E	S	D
2	4	3	7	4	5	4	2	4	3	4	2	5
I	O	U	T	T	E	H	F	E	N	R	E	D
7	4	3	8	3	8	3	7	8	7	8	7	7
R	S	T	N	E	E	R	Y	A	I	R	N	G

HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

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## CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: U equals L

MO C URJRFNCDA XRC VDR CZGDR  
YRJCF GXM FJ ZKR NSSDYRUU  
WSDR SOZRF, M'N XCA MZ'X ZKR  
QFSVQ URXX WSFXZRD.

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## CryptoQuote

AXYDLBAAXR  
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different.

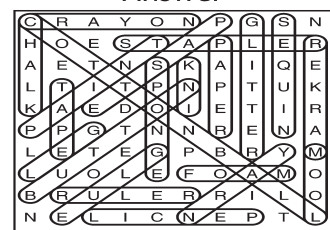
MI BN XZMQB BIG JCG NBG  
JXQCNX SZXUMRXIW, BIR  
M UESSCUX WKBW'U WKX  
ZMUL KX WBLXU.  
— BROBM X. UWXPXIUCI

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# Puzzle Answers

November 28, 2018

### Puzzles4Kids



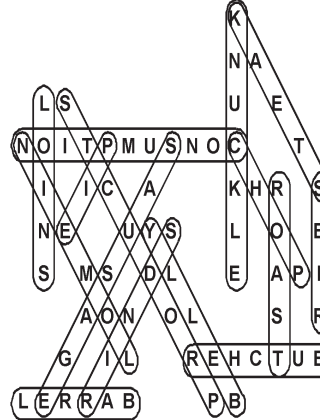
Riddle Answer:  
Needle point.

### Letter Box

Solution

O	T	L	S	H	C	Y	K	U
C	Y	S	T	K	U	L	H	O
U	H	K	L	O	Y	C	T	S
T	L	Y	H	S	K	O	U	C
S	C	H	O	U	L	T	Y	K
K	O	U	Y	C	T	S	L	H
H	S	T	U	L	O	K	C	Y
L	U	C	K	Y	S	H	O	T
Y	K	O	C	T	H	U	S	L

PORK —



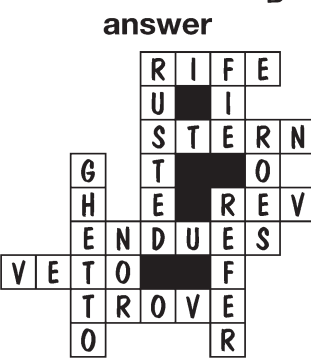
### CryptoQuip

answer  
If a legendary sea creature began using the doorbell more often, I'd say it's the Knock Less Monster.

### CryptoQuote

answer  
In America any boy may become president, and I suppose that's the risk he takes.  
— Adlai E. Stevenson

### FEAR & KNOT



### Even Exchange

- answers
- Garnet, Garner
  - Bully, Billy
  - Bolton, Boston
  - Canoe, Canon
  - Farmer, Firmer
  - Haven, Raven
  - Assume, Assure
  - Scold, Scald
  - Tango, Tangy
  - Camper, Casper

### Weekly SUDOKU

Answer

1	4	2	6	5	8	3	9	7
3	7	9	4	1	2	5	6	8
6	8	5	9	7	3	2	4	1
4	5	1	3	8	9	7	2	6
2	9	8	7	4	6	1	5	3
7	6	3	1	2	5	4	8	9
8	2	6	5	3	7	9	1	4
9	3	4	2	6	1	8	7	5
5	1	7	8	9	4	6	3	2

### King Crossword

Answers  
Solution time: 27 mins.

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



**Making wreaths** from natural items has been done since ancient times. In Mediterranean cultures, wreaths worn on the head showed a person's occupation, social rank and achievements; laurel wreaths crowned the victors in the Olympic Games. Wreaths were made from the harvested crops and hung up to show how the gods had blessed the household during the year. In Christian practice, wreaths came to symbolize faith in the unending circle of life.

Source: wikipedia - Brenda Weaver

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### Favorite Mix

Mix together hulled sunflower chips, safflower seed, peanuts and a little white proso millet. This is a great mix for a tube or tray feeder, or even tossed on the ground. Catbirds, cardinals, doves, wrens, titmice and chickadees will eat every seed. No waste! Everyone is happy!

E-mail: birdingbits@cfl.rr.com  
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## Philip and the Ethiopian

Acts 8:29-33

29 Then the Spirit said unto Philip, Go near, and join thyself to this chariot. 30 And Philip ran thither to him, and heard him read the prophet Esaias, and said, Understandest thou what thou readest? 31 And he said, How can I, except some man should guide me? And he desired Philip that he would come up and sit with him.

32 The place of the scripture which he read was this, He was led as a sheep to the slaughter; and like a lamb dumb before his shearer, so opened he not his mouth:

33 In his humiliation his judgment was taken away: and who shall declare his generation? for his life is taken from the earth.

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## Stickeler's Puzzle



What comes next in this sequence of letters?

W C N I T S O ?

HINT: The answer is right in front of you.

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### Stickeler's Answer on Page 11

## Jimmie L. Johnson, DMD, PSC Family Dentistry

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### Bible Trivia Answers

Now available by Wilson Casey! 2017 Bible Trivia box calendar loaded with daily teasers.

ANSWER: (1) Old; (2) Nehemiah; (3) Holy Spirit; (4) Isaiah; (5) 11; (6) Solomon; (7) John