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# Landscape Cold Injury Possible

first of these are the axillary buds on the previous season's growth. The next group are latent buds (trace buds) hidden below the bark.

Once we see how much plant tissue actually dies, we can go in and remove dead twigs and branches. Give the plant a chance to recover and re-sprout. Appropriate pruning includes removal of multiple shoots allowing the strongest to grow. This is especially important for trees with opposite branching (e.g. maples, ash, dogwood, buckeye) where the development of co-dominant leaders often leads to failures in a decade or two.

DO NOT fertilize trees and shrubs. Adding nitrogen causes stored carbohydrates (starches) to be changed to mobile carbohydrates (sugars). This results in shoot growth. We would like for the plant to begin growing slowly and to replace damaged tissues before it begins putting out growth that the plant cannot support during the hot, dry weeks of July and August. November and December fertilization is best for most woody plants.

You may question what you can do. There are a few things you can be aware of during the growing season. (1) Many of the plants in the landscape have been stressed by freezing temperatures after putting out new growth. It is very important to monitor (inspect) plants for insects and diseases. For example, the borer that often attacks our native flowering dogwood is able to detect a stressed tree. Once infested, it is difficult or impossible to control these damaging insects. It is important to get protective insecticide sprays on the trunks at the end of May. This is true for

many other species. (2) Water this summer if and when it gets dry. (3) If fertilization is a must, delay it until fall. Use 1 to 2 pounds of actual nitrogen per 1,000 square feet. Nitrogen should be in a slow release or water insoluble form. (4) Be a realist. Some plants were inappropriate for the site or have been damaged to such an extent that this is a good excuse to remove and replace them with something more appropriate.

You may also ask if the damage will appear later. The cambium was very active on many woody trees and shrubs at the time of this freeze. Cambium is the slick layer you feel under the bark. It divides to form new xylem (forms the wood) to the inside and phloem to the outside. This happens before shoot growth begins in spring. We may see vertical cracks in trunks in late May or early June. Unfortunately there is nothing that we could have done or can do at this point to prevent damage. Some of these trees will die as the weather becomes hot and dry. Wrap-

ping the trunk, using duct tape, painting the wound, and nailing or using glue to keep the bark from peeling off any more is not going to help. Some of these trees are going to die, others will be disfigured.

Kentucky has a continental climate. Late frosts and freezes in spring and early frosts and freezes in fall are the norm rather than the exception. Most of the cold injury we see occurs in fall and spring rather than during the coldest parts of winter. Japanese maples, saucer magnolia and other plants that originated in more moderate, more humid climates just are not reliable in Kentucky.

“Wait and see” is the best advice to determine the extent of cold injury to the landscape. Time will tell. For more information about landscape plants, contact the Estill County Extension Office at 723-4557.

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## Wishing Well®

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

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: G equals L

JLVC SUA'QV ZJXAGGS OYQVW  
UX EVOOYGE OVZBVW ZGG OLV  
OYHV, UCV HYELO BZS SUA ZQV  
ZO OJYO'B VCW.

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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.

F XERDW EZHRLD FE EZW  
HATZE EAKW AX JWEEWH  
EZFD TRYB TAQWD FE EZW  
LHRDT EAKW.  
— VWHXAFD VHRQWHJ

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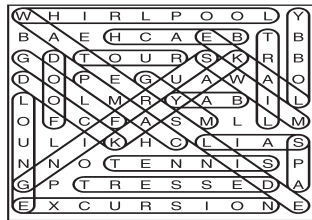
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# Puzzle Answers

April 13, 2016

## Puzzles4Kids

Answer



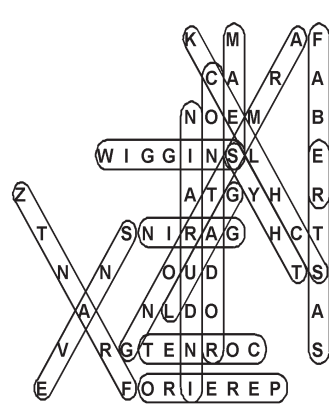
Riddle Answer: Bell hop.

## Letter Box

Solution

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| B | O | X | E | D | G | I | F | T |
| T | F | E | O | X | I | B | G | D |
| I | D | G | T | B | F | O | E | X |
| O | T | D | F | E | X | G | B | I |
| G | I | F | B | T | O | D | X | E |
| E | X | B | G | I | D | F | T | O |
| D | B | I | X | G | T | E | O | F |
| F | G | T | I | O | E | X | D | B |
| X | E | O | D | F | B | T | I | G |

## TOUR DE FRANCE WINNERS



## CryptoQuip answer

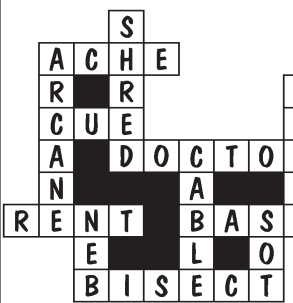
When you're awfully tired of getting teased all the time, one might say you are at twit's end.

## CryptoQuote answer

A stone thrown at the right time is better than gold given at the wrong time.  
— Persian Proverb

## FEAR & KNOT

answer



## Even Exchange

answers

- Magpie, Maggie
- Stiff, Staff
- Garnet, Garret
- Wizard, Lizard
- Terse, Tense
- Sally, Silly
- Lather, Latter
- Purse, Pulse
- Boise, Noise
- Parent, Patent

## Weekly SUDOKU

Answer

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

## King Crossword

Answers

Solution time: 25 mins.

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D | O | C | S | A | C | T | A | L | A | S |   |
| A | V | O | W | R | H | O | T | A | M | E |   |
| M | A | L | A | R | K | E | Y | S | T | O |   |
| S | L | A | T | Y | S | P | E | C | K | S |   |
| H | E | L | P | R | A | H |   |   |   |   |   |
| L | I | M | E | I | O | W | A | K | I | D |   |
| S | K | I | T | H | O | K | E | Y | E | R | A |
| D | E | N | O | N | E | R | C | Y | A | N |   |
| O | W | E | Y | E | L | L |   |   |   |   |   |
| F | A | R | A | D | S | S | A | U | L | T |   |
| E | L | K | S | T | O | F | U | R | K | E | Y |
| D | I | E | T | A | D | O | K | E | E | P |   |
| S | T | Y | E | R | E | X | E | I | S | S | O |

# Farm & Home

## Tree Seedling Giveaway

The Estill County Conservation District will have tree seedlings to give to Estill County landowners on Thursday, April 21. Seedlings will be given on a first come limited basis, as long as the trees last.  
Seedlings may be picked up at the Estill County Conservation District office building located at 1505 Richmond Road, Irvine, across from Bunt Gross Auto between the hours of 9:00 a.m. to 4:00 p.m.  
The species available will be: Eastern Redbud, Cypress, Washington Hawthorn, Pawpaw, Persimmon, Pecan and White Pine.

## Stickeler's Puzzle

**STICKELERS** [sic]  
by Terry Stickels

Here is an alphabetic that some people might find strange. Remember, a zero cannot begin any word.

|       |                |
|-------|----------------|
| THIS  | Let D = 3      |
| IS    | T = 9          |
| + TOO | There is no 6. |
| WEIRD |                |

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## Stickeler's Answer on Page 11

### BROWN FARM MEATS

Is Now Accepting EBT, debit, Mastercard, and Visa  
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M-F, 9-6, Saturday, 9-Noon  
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Boston Butt Pork Roast . \$3<sup>50</sup>/Lb.  
(Great for Pulled Pork)  
Sausage . . . . . \$3<sup>50</sup>/Lb.  
(Hot, Medium or Mild)  
Whole Cured Ham . . . . . \$3<sup>50</sup>/Lb.  
(Sliced is \$4.00 per Lb.)  
Ham Steak . . . . . \$3<sup>50</sup>/Lb.  
Ham Cutlets . . . . . \$3<sup>50</sup>/Lb.  
(Similar to cube steak, only ham)  
Bacon . . . . . \$4<sup>25</sup>/Lb.  
Jowl Bacon . . . . . \$3<sup>50</sup>/Lb.  
Pork Tenderloin . . . . . \$4<sup>50</sup>/Lb.  
Pork Chops . . . . . \$4<sup>00</sup>/Lb.  
Spare Ribs . . . . . \$3<sup>50</sup>/Lb.  
Country Style Ribs . . . . . \$3<sup>50</sup>/Lb.  
Baby Back Pork Ribs . . . . . \$3<sup>50</sup>/Lb.  
Pork Burgers . . . . . \$4<sup>00</sup>/Lb.  
(Ground, pattied pork with no seasoning)  
Bratwursts . . . . . \$4<sup>00</sup>/Lb.

**Bundle Packages**  
1/4 Processed Hog . . . . . \$11<sup>50</sup>  
1/2 Processed Hog . . . . . \$21<sup>00</sup>  
Whole Processed Hog . . . . . \$44<sup>00</sup>

**The Garden Bug**  
Flowers in early spring  
In spring, the appearing of flowers on fruit trees is balanced between when its pollinators are available, the amount of time needed to grow that plant's fruit and the conditions needed for seed dispersal. Early appearance of flowers means early pollination, ensuring more time for fruits that are large and fleshy to mature. If a tree's seeds are dispersed by birds, its fruit must be ready to eat well before birds migrate; if mammal-dispersed, the fruit must be edible before mammals hibernate.  
— Brenda Weaver  
Sources: worldagroforestry.org, yahoo.com

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**Bible Trivia Answers**  
Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

**ANSWERS** (1) Neither; (2) Sea of Galilee; (3) Dogs; (4) Fish; (5) Sycamore; (6) Raven