Arbor Day Activities April 29, 2022





What is Arbor Day?

Arbor Day is a holiday that celebrates trees and nature. Its purpose is to encourage people to plant trees, and many communities take the opportunity to organize tree-planting and litter-collecting events on or around the holiday.

The first American Arbor Day was in Nebraska City, Nebraska on April 10, 1872. About one million trees were planted in the state to celebrate. By 1920, more than 45 states were also celebrating Arbor Day.

Today Arbor Day is celebrated in all 50 states. The most common date for the state observance is the last Friday in April — National Arbor Day.

Arbor Day is usually celebrated by learning about and planting trees.

We hope you have a good time learning about trees with our following activities.

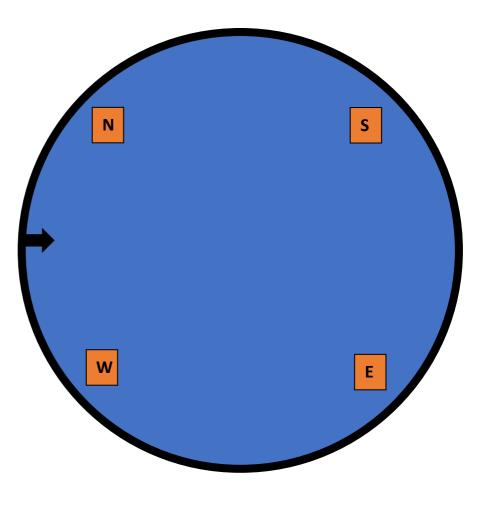
Finish the secret treasure hunt pages and come by the library to collect your prize and free book!

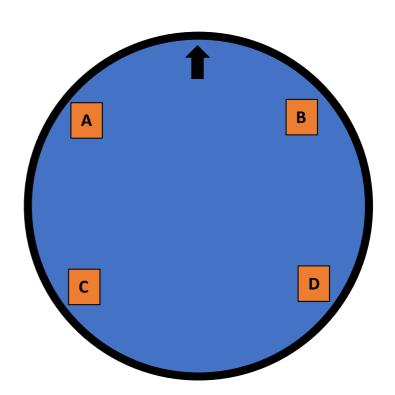


Hidden Treasure

Grandpa Avery told Charlie about a hidden treasure years ago. He said it was near a tree on Bazzle's homestead. Charlie hasn't been able to find the treasure yet, though, because there are many trees on the old farm. Luckily, he found some torn journal pages and notes in Grandpa's attic. Those pages might provide clues. Can you decipher the note and help Charlie find the treasure?

"Cut out the two circles and place the smaller one on top of the larger one, creating a cipher wheel. Turn the smaller circle until the arrows line up. This will reveal the code needed for a letter and map tucked in the journal."





My Dear Grandson Charles,

I hope this letter finds you in good health and spirits. Being the clever lad you are, I'm sure you've found my journal in the attic by now. In the journal, I have provided sufficient details to locate the item we spoke about while fishing at Amsden's Pond.

Start with the Cipher Wheel codes to fill in the spaces on the table:

A = _____ B = ____ C = ____ D =

* =	Pace	A =	☆ =	Paces	C =
* =	Pace	B =	☆ =	Paces	B =
③ =	Paces	A =	☆ =	Paces	A =
★ =	Paces	B =	② =	Paces	B =
♦ =	Paces	A =	# =	Paces	C =
☆ =	Paces	D =	★ =	Paces	D =
★ =	Paces	A =	⊚ =	Paces	C =
O =	Paces	B =	★ =	Paces	B =
* =	Paces	C =	♦ =	Paces	C =
★ =	Paces	B =	☆ =	Paces	D =
© =	Paces	A =	♦ =	Paces	C =
♦ =	Paces	D =	₩ =	Paces	B =
☆ =	Paces	A =	O =	Paces	A =
② =	Paces	B =	③ =	Paces	D =
☆ =	Paces	A =	★ =	Paces	A =
* =	Paces	D =	♦ =	Paces	B =
∞ =	Paces	A =	★ =	Paces	A =
п =	Paces	B =	♦ =	Paces	D =

Now, use this code to fill in the rest of the table:

***** = 1

 \bigcirc = 2

 \Rightarrow = 3

 $\Rightarrow = 4$

 $\star = 5$

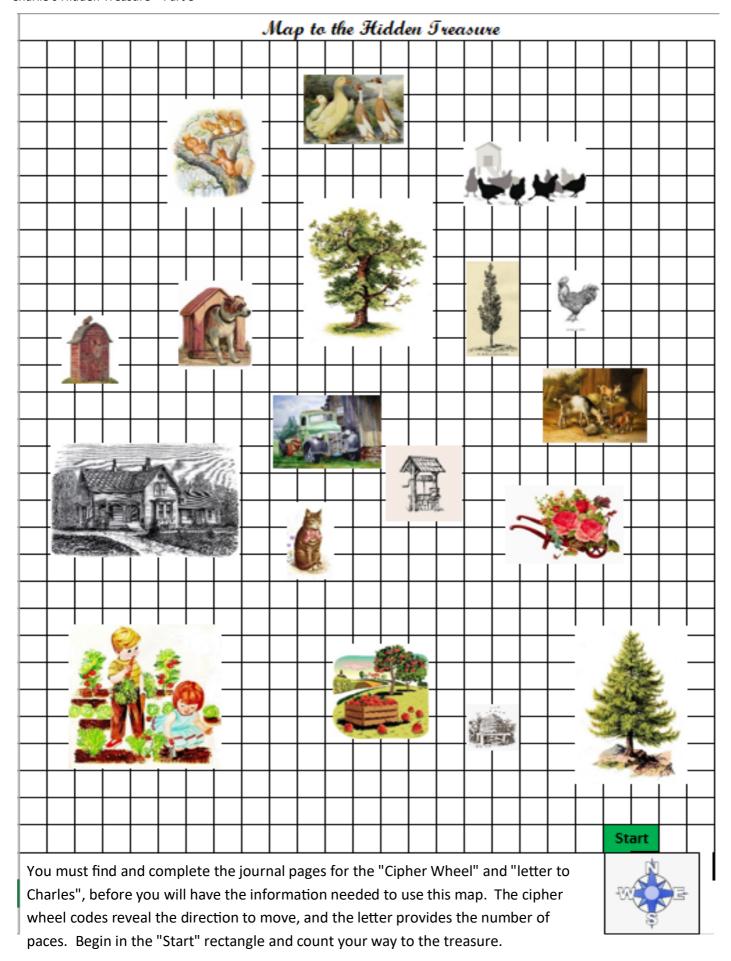
 $\odot = 6$

 $\mathbf{O} = 7$

≈ = 8

 $\mathfrak{H}=9$

4 = 12



MYRTLE and BYRTLE—Fart 1

1.	Pick a number between 1 & 1000:
2.	A name:
3.	A small, furry, forest animal:
4.	A type of tree:
5.	The name of a local restaurant:
6.	Food:
7.	Food:
8.	Drink:
9.	Color:
10.	Insect:
11.	Food:
12.	Food:
13.	Drink:
14.	Number between 5 &10:
15.	A type of tree:
16.	The furry friend from #2 above:
17.	Adjective to describe food:
18.	A type of berry (plural):
19.	Portable storage (plural):
20.	Hobby:
21.	Book title:

22. Kitchen storage: _____

Use the answers to fill in the blanks on the next page, "Myrtle and Byrtle Fart 2"

MYRTLE and BYRTLE—Fart 2

One autumn day	y, best friend squirre	ls, Myrtle and Byrtle, deci	ded to collect (number	
They asked their	r friend the	e for help, sinc (furry animal)	e they figured they w	ould need help hauling
all the acorns ba		, where Myrtle & name)	Byrtle live. After the	y set off on their
journey, Byrtle i	mmediately felt hun	gry. She asked her friends	if they could stop at	for (local restaurant)
some(food)		nd a tall glass of(drink)		er eyes, & told Byrtle
they didn't have	e time for that, but co	ould stop at the(color)		ew coffee shop in Roseburg,
for a light snack	of &	, and a to-go (food)	cup of E	Byrtle reluctantly agreed.
Once the friend	s arrived at an oak sa	vanna, they all started pio	king up acorns well	, except Byrtle.
She was so full f	rom eating(number)	servings of breakfast that	she needed a nap. W	/hile she napped
against the trun	k of a tr (tree name)	ee, Myrtle &(furry friend)	loaded up as many ac	corns as they could
from the oaks.	Myrtle also gathered	some pine n	uts, mushrooms &	Byrtle (berries)
awoke as the ot	her two were finishir	ng stuffing their(bag)		nty. They all headed
back home.				
Since Byrtle didr	n't collect any food, s	she didn't think she had ar	nything to put away, s	o she spent time
(hobby)	, and reading her fav	orite book "(boo		rtle packed all the food into the
(kitchen storage)	, where she stored th	neir winter snacks. Myrtl	e was very tired and a	bit annoyed with Byrtle
for not helping.	Then she remember	ed how Byrtle spent all da	ay yesterday cleaning	the apartment. She smiled
and started dinr	ner.			

WORD SCRAMBLE	
PEOPLE WHO WORK WITH TREES OR TREE PRODU	JCTS
storefer 1 1 2	rete tnpreal
	grn ginsrel
starribo	tatsir
saboni starem	tiferifegrh
	10 1 2 7 1 7
ranbu nanerlp 5 5 1 rurynes sonseasperl	
2 1 1	1 10 6
duecpro gearman 2 3 1 9 2 eetr remritm	
9 9	8 2 7 7 7
utirf dants ratooper	bimret sirecru
1 6 7 7 taanlur sourceer ranmage	1 11 6 1
bitrem laflre	vililicsturstu
7 1 2 10 10 1 yerfrost bla citinnache	6 11 11 10 2 11 7 yoursrve
	7 1 11 11 5 6 2 8 2 coolgeist
1 1 2 5	1 2 8 8 2 1 8 8 7
Bonus Round! smoglosttein [This one 1 5 7 8 9 8 10 8 4 11 6 7	might bug you]
groolsdendti [Good at co	ounting rings]

Trees in Douglas County WORD SEARCH

Е	В	D	С	Р	Е	R	S	-1	М	М	О	N	О	Q
1	C	Р	Н	Α	В	Т	C	В	Α	1	В	D	1	U
D	О	V	Е	Υ	Е	М	Υ	R	Т	L	E	Α	Α	Α
0	Α	Е	R	Α	Е	Т	Р	D	Α	Е	Т	L	Е	K
W	K	R	R	1	C	Р	Е	Α	R	U	C	D	Р	-1
В	C	О	Υ	Е	Н	Н	Р	О	N	Н	R	Е	Α	N
Р	Α	Н	F	Α	1	М	U	L	В	E	R	R	Υ	G
L	Т	C	1	О	Т	C	Α	1	S	М	Е	Т	W	Α
Α	Α	R	R	Ν	Е	W	W	V	Е	L	C	О	1	S
R	L	Е	Р	C	K	В	Α	Е	C	О	1	В	L	Р
С	Р	Υ	N	C	Υ	Α	S	D	W	C	Υ	Р	L	Ε
Н	Α	1	Α	Υ	Α	R	Р	О	Ε	K	1	Е	О	N
1	U	L	W	О	C	Υ	Р	1	N	Е	R	Α	W	Α
Q	В	1	R	C	Н	Е	C	О	N	Р	L	U	М	S
S	Α	Е	Р	В	М	Α	Р	L	Е	D	Α	C	В	Н

Can you find the tree names hidden in this puzzle? These trees can all be found growing in Douglas County, Oregon.

Alder Willow Dove Olive Ash Fir Peach Yew Beech Hemlock Pear Birch Larch Persimmon Black Walnut (as one word) Maple Plum Mulberry Catalpa

Cherry Myrtle Quaking Aspen (as one word)

Chinkapin Oak Quince

CROSSWORD: "TREES AROUND THE WORLD"

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			U					14					15	
		3				О		S			U			
16 K		5			17									
		0					6	U						
⁷ O							18		19		20			
K				8	О					О		U	21 S	
			22 S											
9	О	S		U									U	
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	11			S			U					12 ()		K

Clues:

Across		

1.	Swamp tree of Florida; Tidal zone tropical
2.	Newtons
3.	Large, sweet fruit, in same family as cashew
4.	Howard Hughes aircraft; "The Goose"
5.	Underside of your hand
6.	Native to Oregon, Rocky Mountain
7.	Tung tree of China
8.	Pooh's food + grasshopper-like insect
9.	Common boy's name; CA national park
10	. Cherry Blossom or "Cardcaptor"
10	. Cherry Blossom or "Cardcaptor"

11. Just one, roasting on an open fire

12. Tie a yellow ribbon 'round it [1973 classic]

Down
 Douglas-____
 (aka) Cottonwood; rhymes with doppler
 Common tropical fruit
 Fireplace residue (singular)
 Western Red or Incense _____
 Spiny-barked, tropical tree; cottony pods
 ______ Festival of Oklahoma
 Tree oil used to deter insects; organic
 Dutch _____ Disease (of trees)
 (aka) Wattle tree in Australia
 Coast Redwood; tallest tree in the world
 She sells seashells by the sea_____

CROSSWORD: "THESE BENEFIT FROM TREES"

1					Juc					Jou						
5 22	1		18			2			19							20
5 22 2					21								3			
7			4													
7 23 23 25 26 26 28 28 28 28 28 28 28 28 28 28 28 28 28	5	22														
8 9 9 1 10 C E D A R W A X W I N G S										6						
24	7							23								
24 W A X W I N G S							8									
10 C E D A R W A X W I N G S													9			
12 13 25 26 26									24							
12 13 25 26				10 C	Е	D	Α	R	W	Α	Х	W	1	N	G	S
12 13 25 26																
26													11			
		12						13		25						
14															26	
			14						15							
16							16									
17	17															

Clues:

ACI 033

Bird; Gold, Purple or House ______
 Birds of prey; Bald & Golden _____
 According to Aesop, slower than a tortoise
 "Woody", for one; also Acorn, Downy, or Pileated
 "A rolling stone gathers no ______."
 Composter's friends; fish food
 Only marsupial in North America
 Hominids; "Hoomans" (according to cats)
 "Greatest Of All Time" or two-horned farm animal
 Crested, berry-eating birds; (2 words)
 "Bambi", for one
 U of O _____
 Spider, Howler & Capuchin _____; (plural)

Down

- 3. Tiny, fast birds; Anna's, for one
- 7. Endangered "red-heads" of the forest; apes
- 10. Tiny, winter bird; Blackcapped _____
- 18. Mama bovines; Guernsey, Jersey & Highland
- 19. Bigger than deer
- 20. Comic strip, "______ Bailey", or common insect
- 21. Quill source
- 22. "Flash _____more", of Disney's Zootopia
- 23. Oyster, button, morel, porcini, etc. (plural)
- 24. "Mr. _____" of Tootsie Roll Pop fame
- 25. Australian arboreal marsupials
- 26. King, Coral, or Sidewinder _____, e.g.
- 16. Bigger than wallabies; marsupial w/big legs

14. "Kung Fu _____"
15. "Meeko" & "Rocket"

17. Moss-like, reindeer food; Homophone = "likens"

SYCAMORE♠ Sudoku

Use the letters and symbol in SYCAMORE♠ to complete the puzzle

					E	R	0	
		M		s			Y	
0	Y		С		M	A	s	•
М	0		E	•			С	
Y		s	R		С	E		A
	A			М	Y		•	R
R	М	0	Y		•		A	С
	E			c		•		
	s	•	0					

Sudoku Rules:

Each row, column, and 9-space square should be filled with the letters and symbol of SYCAMORE, without repeating in the same row, column or square. Some spaces have been filled in to give you a head start.

Did you know?

- > The tallest deciduous trees in the Eastern U.S. are American Sycamore trees
- > The sycamore is a symbol of protection & strength
- > Native Americans made giant canoes with sycamore trunks
- > American Sycamores are native to 35 states
- > Sycamore trees have cool looking bark
- > Sycamore trees have been known to live as long as 600 years

Books about Trees

Easy Fiction

The Giving Tree by Shel Silverstein
Only a Tree Knows How to be a Tree by Mary Murphy
Pando a Living Wonder of Trees by Kate Allen
Trillions of Trees by Kurt Cyrus
The Lorax by Dr. Suess
The Tree by Dana Lyons

Easy Reader

Would you, could you, plant a tree? By Todd Tarpley The Friendship Tree by Kathy Caple

Junior Non-Fic

Treemendous by Bridget Heos Celebritrees by Margi Preus The Tremendous Tree Book by Barbara Brenner

Adult Fiction

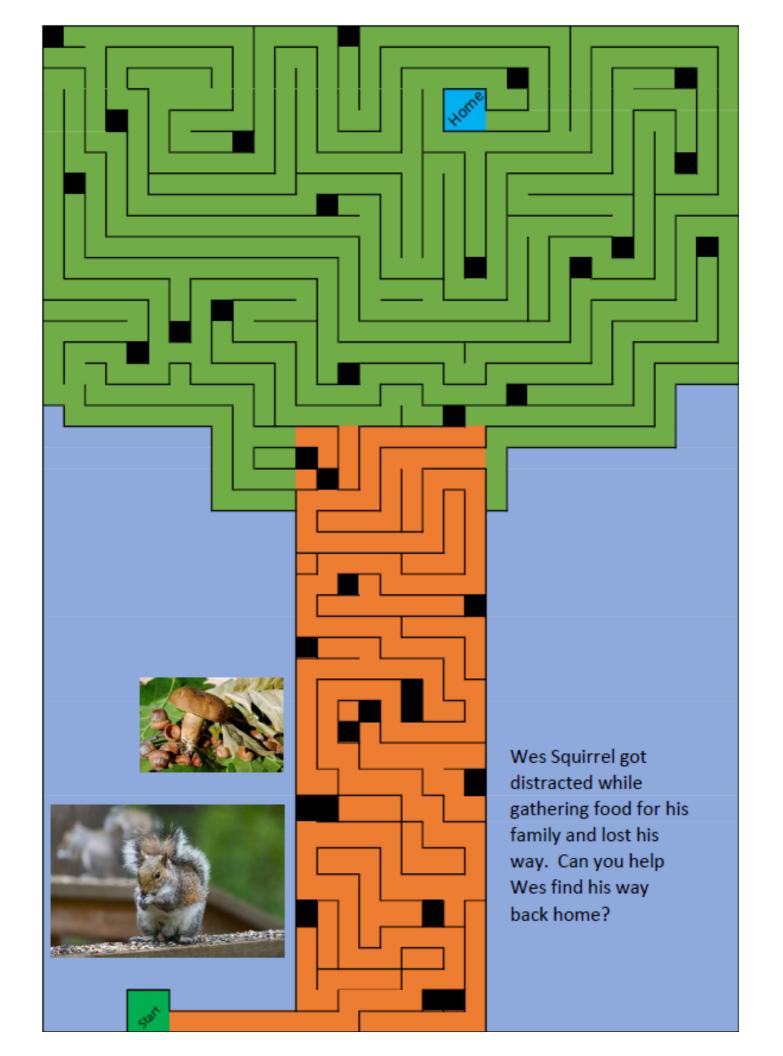
The Overstory by Richard Powers Greenwood by Michael Christie

Adult Non-Fic

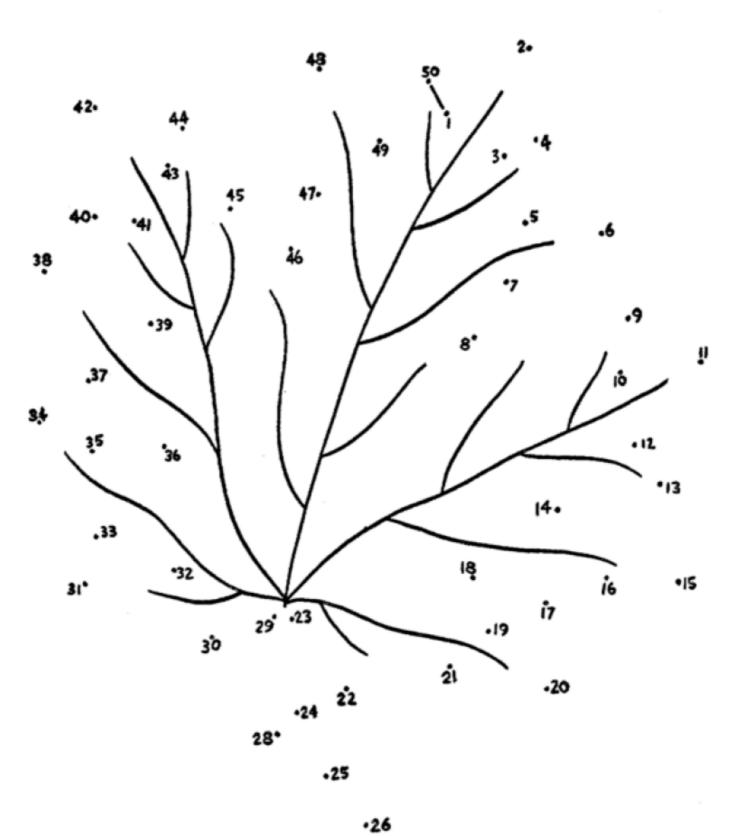
Forests Forever by John J. Berger
Trees to Know by Ed Jensen
The Hidden Life of Trees by Peter Wohlleben
Forest Primeval by Chris Maser

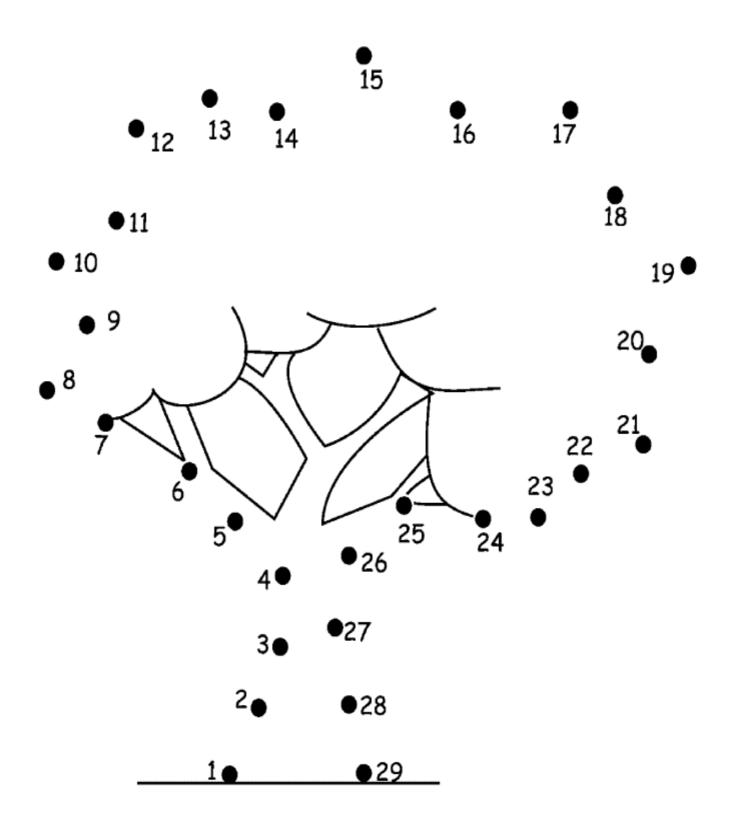
Movies

The Lorax
Fern Gully
Over the Hedge
Spirit Bear



FOLLOW THE DOTS







"The creation of a thousand forests is in one acorn."

- Ralph Waldo Emerson



Arbor Day



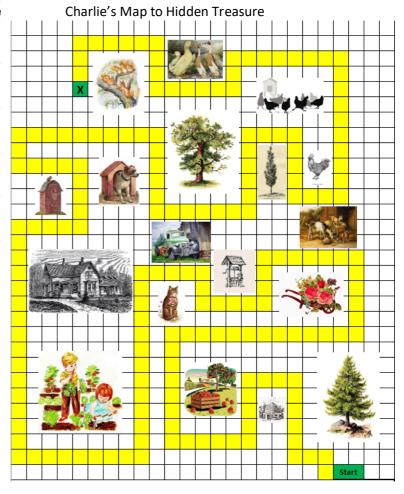
Answer Keys

				CRC	SSW	ORD	: "TI	HESE	BEN	EFIT I	FRON	1 TRE	ES"				
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			0		² P					L				зΗ	Α	R	Е
			⁴ W	0	0	D	Р	Е	С	K	Е	R		U			E
⁵ M	0	S	S		R									M			Т
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S			¹ P	Α	N	D	Α			R	Α	С	С	0	0	N	S
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17 L	1	С	Н	Е	N	S					S					Е	

	CROSSWORD: "TREES AROUND THE WORLD"													
¹ M	Α	N	13 G	R	0	V	E			² F	1	G		
			U					¹A		1			15 C	
		³ M	Α	N	G	0		⁴ S	Р	R	U	С	E	
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	¹C	Н	E	S	Т	N	U	Т				¹ O	Α	K

01/	~	ADE A	0
SY	CAM	OKE 🗣	Sudoku

Use th	<u>e letters</u>	s and s	ymbol i	n SYCA	MORE ₹	to con	ıplete t	he puzzle
s	c	A	•	Y	E	R	0	М
•	R	M	A	s	0	c	Y	E
0	Y	E	c	R	М	A	s	•
М	0	R	E	•	A	Y	c	s
Y	•	s	R	0	С	E	М	A
E	A	c	s	M	Y	0	•	R
R	M	0	Y	E	•	s	A	c
A	E	Y	М	c	s	•	R	0
С	s	•	0	A	R	M	E	Y



Answer Keys

WORD SCRAMBLE

PEOPLE WHO WORK WITH TREES OR TREE PRODUCTS

storefer forester rete tnpreal tree planter

nerdgear gardener gigigrn ginsrel rigging slinger

starribo arborist tatsir artist

saboni starem bonsai master tiferifegrh firefighter

peapl rickep apple picker danlespac tictechra landscape architect

ranbu nanerlp urban planner booiistgl biologist

rurynes sonseasperl nursery salesperson stirlof florist

duecpro gearman produce manager tearceprn carpenter

eetr remritm tree trimmer itchirolsurtut horticulturist

utirf dants ratooper fruit stand operator acakertenmib cabinetmaker

herock terset choker setter bimret sirecru timber cruiser

taanlur sourceer ranmage natural resource manager marref farmer

bitrem laflre timber faller vililicsturstu silviculturist

yerfrost bla citinnache forestry lab technician yoursrve surveyor

leerfl-cherubn ropetora feller-buncher operator coolgeist ecologist

Bonus Round! smoglosttein entomologist groolsdendti dendrologist

				Tre	es in	Dou	glas	Cou	nty					
					W	ORD !	SEAR	СН						
E	В	D	С	Р	Е	R	S	1	М	М	0	N	0	Q
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D	0	٧	Е	Υ	Е	M	Υ	R	Т	L	Е	Α	Α	Α
O	Α	Ε	R	Α	Е	T	Р	D	Α	Ε	T	L	Е	K
W	K	R	R	1	С	Р	Ε	Α	R	U	С	D	Р	1
В	С	0	Υ	E	Н	Н	Р	0	N	Н	R	E	Α	N
P	Α	Н	F	Α	1	М	U	L	В	Е	R	R	Υ	G
L	Т	С	1	0	T	С	Α	1	S	М	Ε	T	W	Α
Α	Α	R	R	N	Ε	W	W	٧	Е	L	С	О	1	S
R	L	Ε	Р	С	K	В	Α	Ε	С	О	1	В	L	Р
С	Р	Υ	N	С	Y	Α	S	D	W	С	Υ	Р	L	Е
Н	Α	1	Α	Υ	Α	R	Р	0	E	K	1	Е	0	N
1	U	L	W	0	С	Υ	Р	1	N	Ε	R	Α	W	Α
Q	В	1	R	С	Н	Е	С	0	N	Р	L	U	М	S
S	Α	Ε	Р	В	М	Α	Р	L	Е	D	Α	С	В	Н