# WE NEED YOUR HELP!



We are glad to provide these materials for free. In order for us to continue receiving funding for new materials, we need to collect information on how they are used.

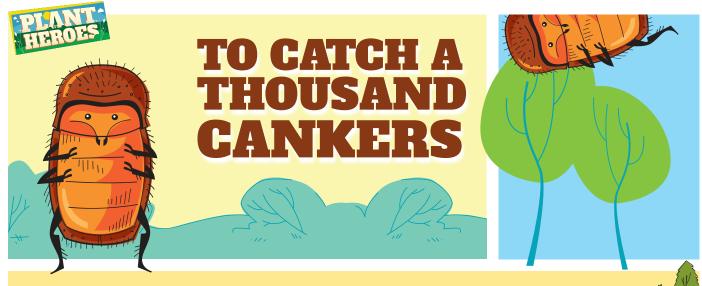
Thank you for taking the time to answer the following one-minute survey.



- 1) Job title
- 2) Name of organization you belong to
- 3) What kind of educator are you?
  - Teacher
    - Summer camp counselor
    - Home schooler
    - Public garden educator Informal educator
    - Other (please describe)

- 4) What grade level do you teach?
  - Elementary (K-5) Middle School (6-8) High School (9-12) Other (please describe)
- 5) Specify what subject area you teach:
  - Science Math Language Arts Social Studies Other (please describe)
- 6) How many students do you teach in a school year?





## Aponi is spending the summer helping her dad, Ben, remodel their kitchen.







He has spent weeks searching the internet for rough-sawn walnut and has finally found a supplier in Ohio for the last item on their project list—a new kitchen table and chairs!



Ben realizes that the seller is located near Aponi's cousins in Hamilton, Ohio, and suggests that they make it into an end-ofsummer ROAD TRIP!

The Plant Heroes are brought to you by the American Public Gardens Association. This comic was developed with financial support from the USDA — Animal and Plant Health Inspection Service and reproduced with financial support from the USDA — Forest Service. Play games and learn how you can protect plants at plantheroes.org. Aponi and her dad drive the family pickup truck up to Hueston Woods State Park and spend the weekend camping with the family.











Aponi and Ben load up and head home. They spend the last few weeks of her vacation together in Ben's woodshop and before school starts have finished the kitchen table and chairs. The grain looks beautiful and they can rest easy knowing that they didn't accidentally introduce a new forest pest!

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Name	 	 	



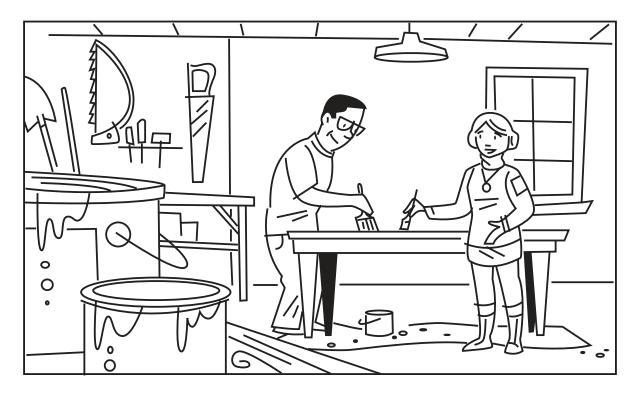
Date \_\_\_\_\_

		TREE BRAN( BARK	CH			EGG PLAN		WOOD LEAVES
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	0	0	D	Ν	С	0	D	
Т	L	Р	L	Α	Ν	Т	G	
	L	Е	A	V	Ε	S	F	Α
		R						
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	X	Ε	Y	R	Т	R		
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plantheroes.org











Name		 		



Date \_\_\_\_\_

### Find and circle the following words:

BEETLE	BUG	WOOD	FOREST	TREE
NUT	LEAF	EGG	BARK	PLANT

Complete the maze, and then find the words. The words can only be found along your maze path.

WQO	YBHF	MILFS	SIVQE	FEEF	QTWW	IYFC	CMFLD	AJQ	MFXJE	BUGGE	BAUFI	HEESF	RGOIC	одоку	ros
G		U				Е		N			I				К
Х		М				Q		Q			Ρ				В
K		т				Т		I			А				S
D	XOR	CC	BTHO	FHE	LС	А	$\mathbf{L}$	S	S	$\mathbf{L}$	FCI	KLRDI	VMP	ΓΡΙ	0
	Q	E		Y	Р	т	Р	V	W	S				К	Q
END	F	$\mathbf{L}$		D	в	А	Н	Е	V	J				N	С
	0	I		S	Т	S	R	0	N	Р				К	R
Н	R	MGTF	ζL	0	U	Ε	АТА	МΧ	Т		DLBEI	ETLEN	ISB	I	J
K	E			V		Х			N	A					В
M	S			A		M			A	N					N
J	T			F		R			I	T					U
Q	OJV	VHHLY		ΞN	KLN	IQK	MGR	LQN	CSN	PDV	-	BPEG	GKIFI		Х
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			V		N				E		J			0	<b>∢</b> START
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Name \_\_\_\_\_

Date \_\_\_\_

# Complete the maze and then find the words. The words can only be found along your maze path.

0			Х				S							K	G	
0			F				K							в	в	
С			М				v							т	K	
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U	A	E	W	м		U		E		х			H		х	
N	L	P	J	L		F		A		S			т		V	
N	N	D	т	0		v		в		H			С		U	
E	U	R	A	х	D	YJN	IAK	D	JPO	CICS	DWYKY	AL	GNO	GYD	Y	
L	т			т	H		E	Х	P				A		U	
I	А			Х	N		S	W	0				H		$\mathbf{E}$	
G	D			P	L		J	D	I				v		в	
S	UEW	NEE	FRJC	CVDG	AJLB	SHR	W	WHI	LN	EB	INSEG	CTXFN	QMV	KNI	BWP	
D	L					в	С		F			L	0	W		
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H	М		U		H		W		S		Х		L	Р	S	
т	P		$\mathbf{F}$		G		$\mathbf{E}$		H		U		$\mathbf{E}$	$\mathbf{F}$	R	
Y	Y		в		G		Y		J		$\mathbf{L}$		R	S	Ρ	
R	K	KBI	PKQ	N	PT	<b>VPEOF</b>	IEX	BHG	KT	GXX	KSX	v	Y	N	R	
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W		F		С						х		I			W	
L		E		H						U		R			D	

Find and circle these words:

DAMAGE	PUPA	SPECIES	WALNUT
TUNNEL	GALLERY	FIREWOOD	ADULT
LARVAE	INSECT	FUNGUS	DISEASE



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Plant Heroes Pledg

This Certifies That

is an Official Member of the Plant Heroes Team and pledges to:

Learn about the pests and diseases that affect the plants in my region

Be on the lookout for symptoms of pests and diseases on trees in my neighborhood

Report any suspicious Refrain from findings to an adult moving firewood who can notify the local extension agent

> Awarded by the American Public Gardens Association





Join our team of Plant Heroes and learn about trees, forests, and the natural world around you!



### You can be a Plant Hero!

Are you curious about plants and animals? Do you like asking questions about nature? Do you enjoy being outdoors and having fun, climbing trees, balancing on logs, or finding a new butterfly or beetle? If so, you are already on your way to becoming a Plant Hero! We invite you to join forces with Nate, Laura, Aponi, and Frankie to protect the plants and ecosystems we all love.

#### How can you become a Plant Hero?

Join our team and go on a journey with Nate, Aponi, Laura, and Frankie. As a Plant Hero, you will learn to notice when plants are in trouble. You will also find out ways you can act quickly to help find solutions in your own neighborhood. Follow their adventures and learn how they help plants and ecosystems stay healthy.

On the Plant Heroes website, you will find materials to help you learn about plants, forest health, and ecosystem balance. The more you know, the more you can help protect plants and ecosystems in your own yard, neighborhood, and community!

**Plant Heroes strives to spark curiosity about nature and science in all children.** Our program provides hands-on, naturebased learning materials for educators to engage children in topics of plant health, ecosystem balance, and forest health. We also spotlight the amazing work our public gardens do in protecting the plants and ecosystems we all depend on through our website and printed materials. Visit **plantheroes.org** today to learn more!

**Plant Heroes is brought to you by the American Public Gardens Association**, founded in 1940. Over the last eight decades, the Association has supported the work of public gardens in North America and beyond. Our mission is to champion and advance public gardens as leaders, advocates, and innovators in the conservation and appreciation of plants. Our vision is "A world where public gardens are indispensable" as they provide botanic, conservation, community, education, and economic resources to their community.

The Association is committed to increasing the knowledge of public garden professionals throughout North America through information sharing, professional development, networking, public awareness, and research, so that they have the tools to effectively serve visitors and members.





This publication was developed with financial support from the US Forest Service and the USDA Animal and Plant Health Inspection Service.

