
Handout 1: Activity Sheets

Find and circle these terms that describe exotic invasive plants:

adapt easily

many seeds survive

similar climate

few consumers

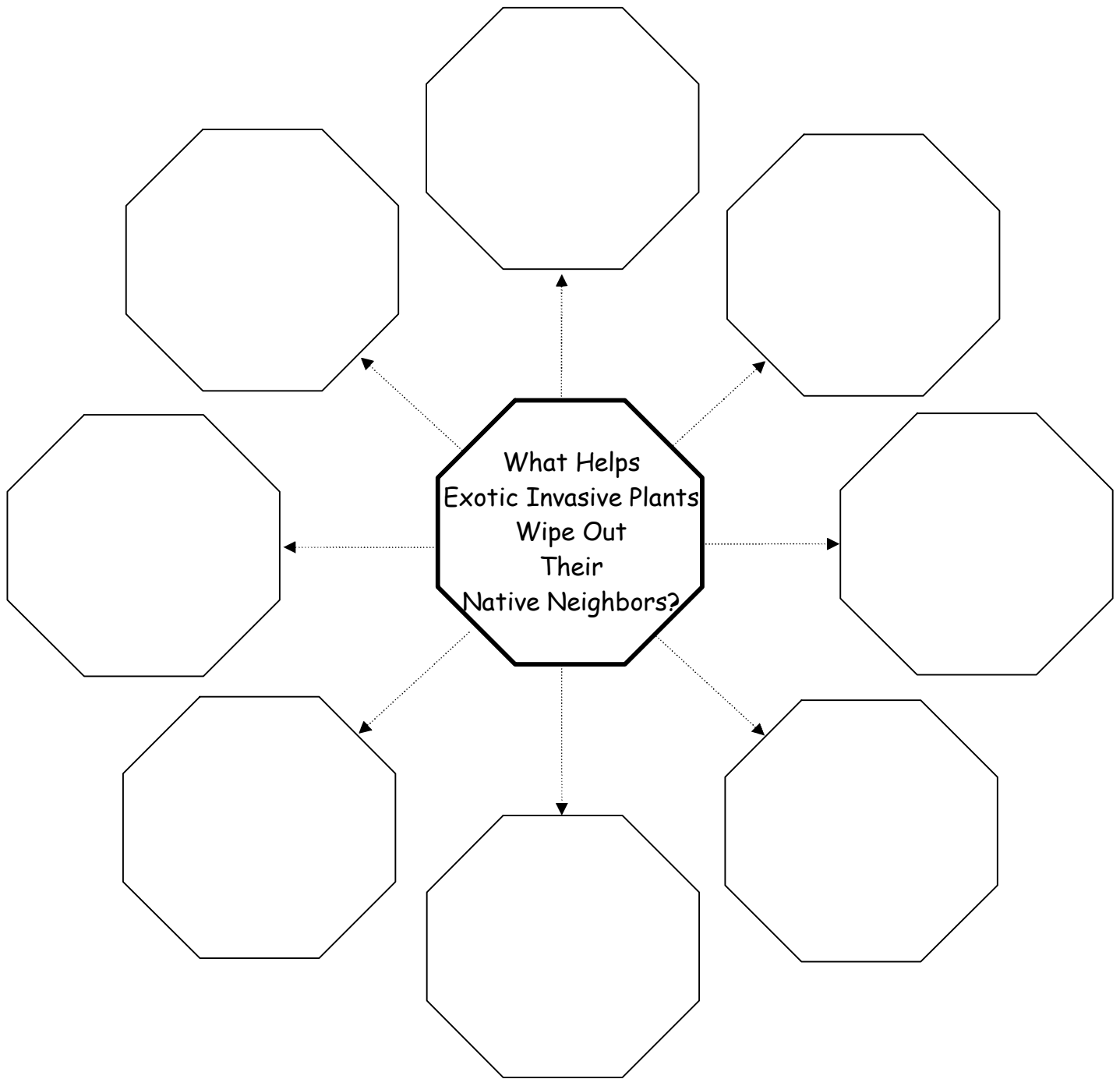
invade open spaces

reproduce rapidly

long lived

toxic chemicals

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



In four (4) or more stop signs (octagons), draw a picture that represents a characteristic of exotic invasive plants that allows them to crowd out native species. The characteristics are listed below. Write the remaining characteristics in the other octagons.

- invade *open spaces*
- *adapt easily to habitats* similar to their original habitat
- new habitat has a “familiar” *climate*
- *many seeds* survive
- *few consumers* depend on them as a food source
- reproduce from a *young age*
- live a *long time*
- roots *release toxic chemicals* into the soil

Solve the cryptogram to describe what helps exotic invasive plants wipe out their native neighbors.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26							25				8		17		3		4	18	24						14

N A S P A P T A S Y
 7 17 12 26 18 7 12 23 18 9 23 19 7 23 18 26 15 26 3 24 23 26 18 7 8 14
 T H A S T H L
 24 2 25 26 22 7 24 26 24 18 20 7 24 25 26 19 8 7 13 26 24 23
 S L R T R
 26 17 15 18 2 7 8 18 7 13 7 8 26 4 24 2 24 25 23 7 4
 N A L H N S R S
 2 4 7 11 7 17 26 8 25 2 13 23 17 26 24 21 4 26 8 19 2 17 18 21 13 23 4 18
 P R T N A S
 26 4 23 17 2 24 3 4 23 18 23 17 24 18 2 7 17 12 26 18 7 12 23 18
 A P L R
 18 9 4 23 26 15 4 26 3 7 15 8 14 24 25 23 14 3 4 2 15 21 19 23
 T H S N S S R Y
 24 25 2 21 18 26 17 15 18 2 16 18 23 23 15 18 23 12 23 4 14 14 23 26 4
 R A R Y
 16 4 2 13 24 25 23 24 7 13 23 24 25 23 14 26 4 23 12 23 4 14
 Y N T H R L S
 14 2 21 17 11 24 25 23 7 4 4 2 2 24 18 4 23 8 23 26 18 23
 H N
 24 2 9 7 19 19 25 23 13 7 19 26 8 18 7 17 24 2 24 25 23 18 2 7 8
 S A T
 7 17 12 26 18 7 12 23 18 8 7 12 23 26 8 2 17 11 24 7 18 23

Source: Puzzles created by Puzzlemaker at DiscoverySchool.com