



## **TEACHER GUIDE**

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## **STUDENT HANDOUTS**

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### **6 BONUS Activity Pages!** Additional worksheets for your students

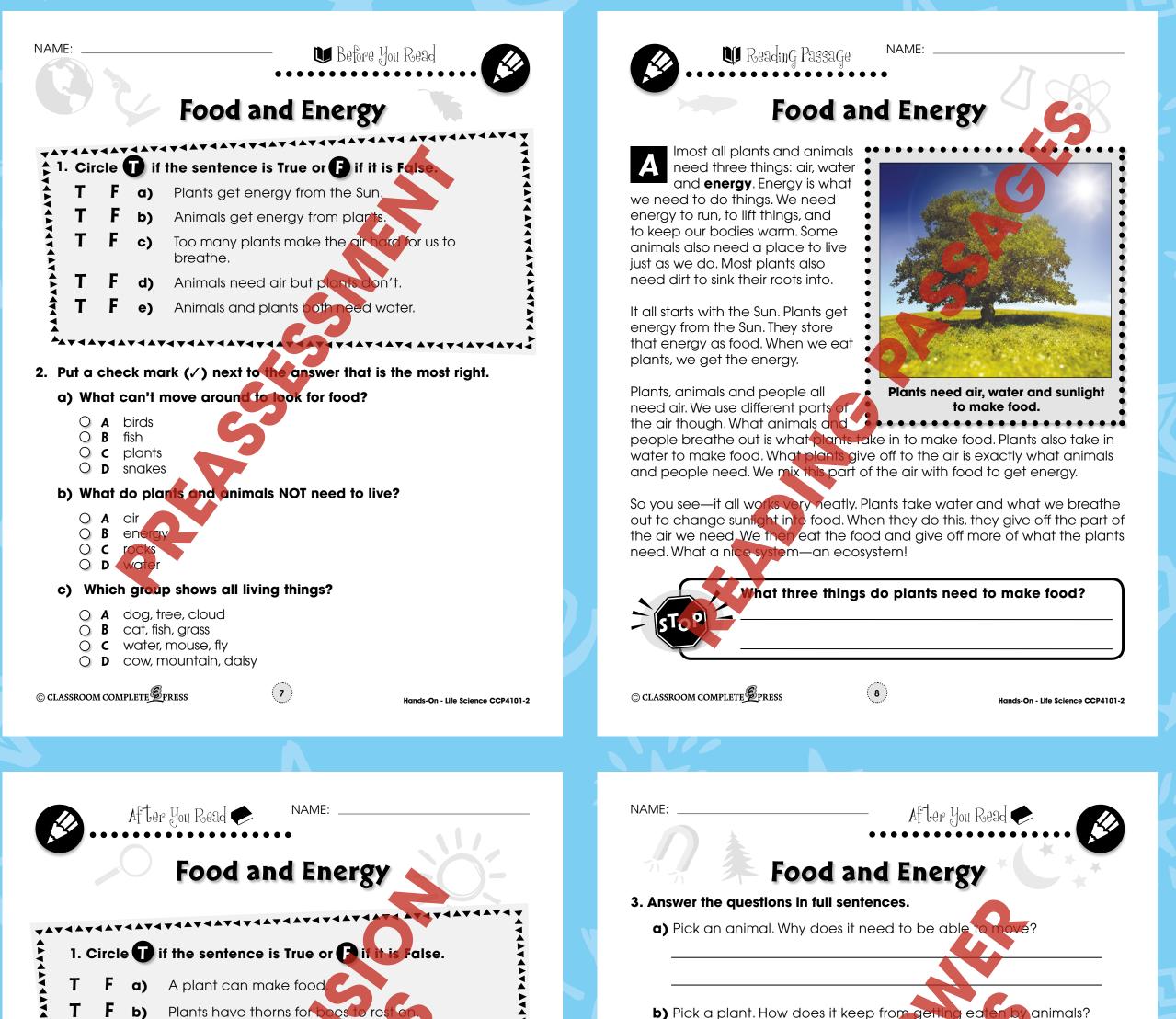
- Go to our website:
  - www.classroomcompletepress.com/bonus
- Enter item CC4101
- Enter pass code CC4101D





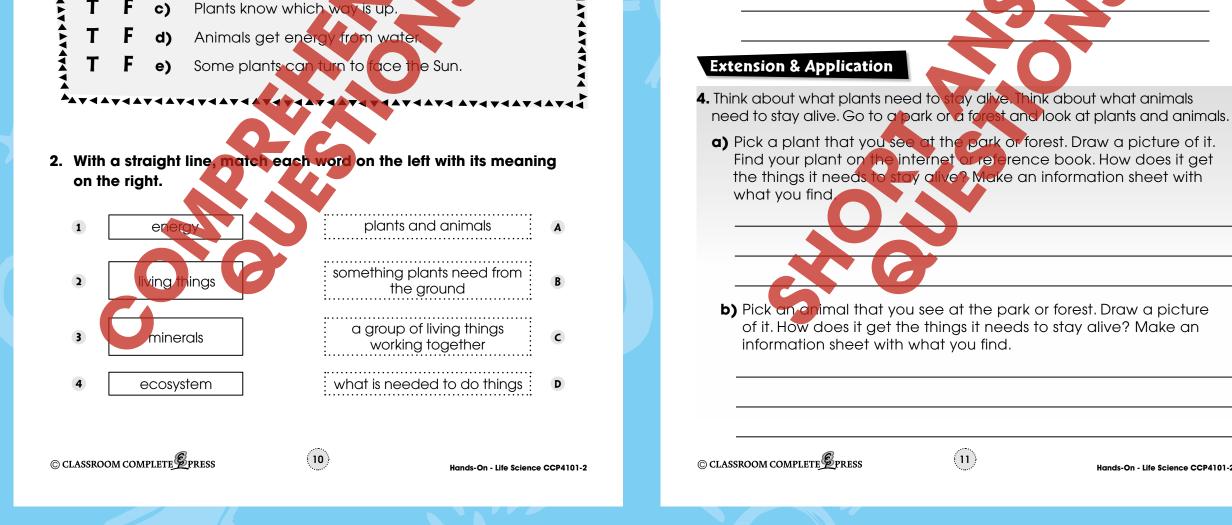


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b) Pick a plant. How does it keep from getting eaten by animals?

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Hands-On Experiment #2

### **Study a Terrarium**

This experiment can be done in pairs, groups or alone. Study food and energy in a terrarium.

This is the next step in your terrarium experiment. In the first experiment, you saw how to make and ecosystem. In this part, you will see how energy and matter move through the ecosystem.

The terra-part of terrarium means earth or land The aqua- part of aquarium means water. So d terrarium is a land ecosystem. An aquarium is a water ecosystem.

This is what you will need: All you need is the terrarium you made in Experiment One.

This is what you do:

- 1. How does energy flow through your terrarium?
  - a) Where does it come from?
  - b) Who gets it first?
  - What becomes of it? C)
- 2. Watch the plants for a few days. How fast are they growing?
- 3. Try leaving a light shining all day and all night for a while.
  - a) Did the plants grow faster with more light?
  - b) Did they grow slower?c) Explain what you saw.
- 4. Where are the bugs getting their energy? How can you tell?
- 5. If there are no dead leaves on the top of the dirt, put some there. Watch what happens to the leaves over many days.

(13)

- Are the leaves turning to dirt? a)
- Are the worms helping turn the leaves to dirt? b)

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🔶 After You Read NAME: **Comprehension** Quiz Part C

2. have been sent through your nerves. Where did each message NAME:

......



## **Word Search**

Find all of the words in the Word Search. Words are written across, up, down, on an angle, and some are even written backwards.

adaptation chrysalis consumer decomposer ecosystem energy fossil life cycle matter nerve nervous system nutrients pollen pollination producer	A	E	L	0	Ρ	D	А	T	X	R
chrysalis	S	D	С	D	Е	Р	N	R	E	S
consumer	Е	Е	А	G	U	Е	Æ	0	R	Т
decomposer	Ν	С	I	Р	L	Т		S	E	Ν
ecosystem energy	S	0	J	L	Т	D	M	К	М	E
fossil	E	М	0	A	6	A	E	E	U	
life cycle	0	P	M	R		M	T	N	S	R
matter	R	0	P	0		S	S		N	T
nerve				0						
nervous system	G	S	Р	Q	Y		Y	R	0	U
nutrients	Α	F	S	S	D	L	S	Т	С	Ν
pollen	Ν	R	0	V	E	Α	S	S	W	Х
pollination							3	3	vv	^
producer	Z	0	Α	В	Т	S	U	С	0	D
pupa	E	Ν	Е	R	G	Y	0	F	G	F
sense	Н	I	А	J	W	R	V	К	L	М
sense organ survival trait	N		0	P	X	Н	R	Q	R	S
tadpole				·						
trait	T	Т	U	V	Y	С	E	Ζ	Α	В
survival trait tadpole trait	С	Ρ	0	L	L	I	Ν	А	Т	I
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# **Energy Flow in an Ecosystem**

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