



United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

# Coloring Book

K - 4



(Color on your own)

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# Soil Detective Game

Can we live without soil? Stop and think for a moment. What did you have for breakfast this morning? Where did it come from? If you trace it back far enough, you'll find that no matter what you had for breakfast, it started with a green plant growing in the soil.

Directions: Circle the following 13 words in this block of letters. They may be located vertically, horizontally, diagonally or backwards.

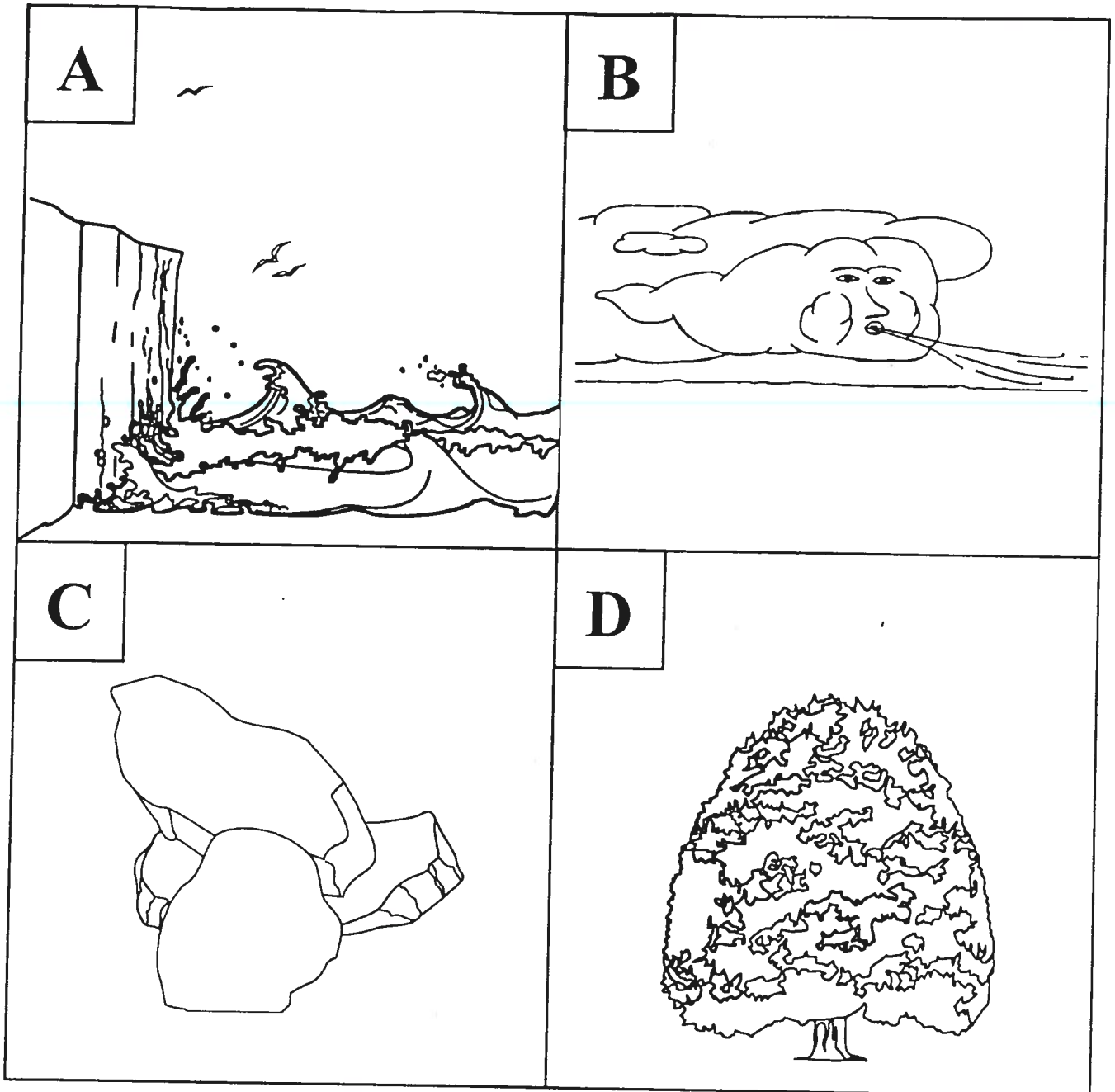
S	T	N	A	L	P	O	S	E	V
A	O	P	Q	I	J	T	B	W	E
N	O	I	U	H	O	C	E	A	G
D	M	D	L	O	C	N	Z	T	E
S	G	H	R	A	I	N	L	E	T
X	W	O	U	H	S	K	T	R	A
R	O	T	S	D	S	K	S	P	B
T	T	N	O	N	B	V	C	I	L
C	U	M	L	I	G	H	J	O	E
S	M	R	O	W	C	O	L	P	R

Words to look for:

COLD  
HOT  
ROCKS  
WIND  
RAIN

SAND  
WATER  
WORMS  
PLANTS

VEGETABLE  
SOIL  
ROOTS  
SUNSHINE



(Color on your own.)

**What is soil made of?**

**A** \_\_\_\_\_

**C** \_\_\_\_\_

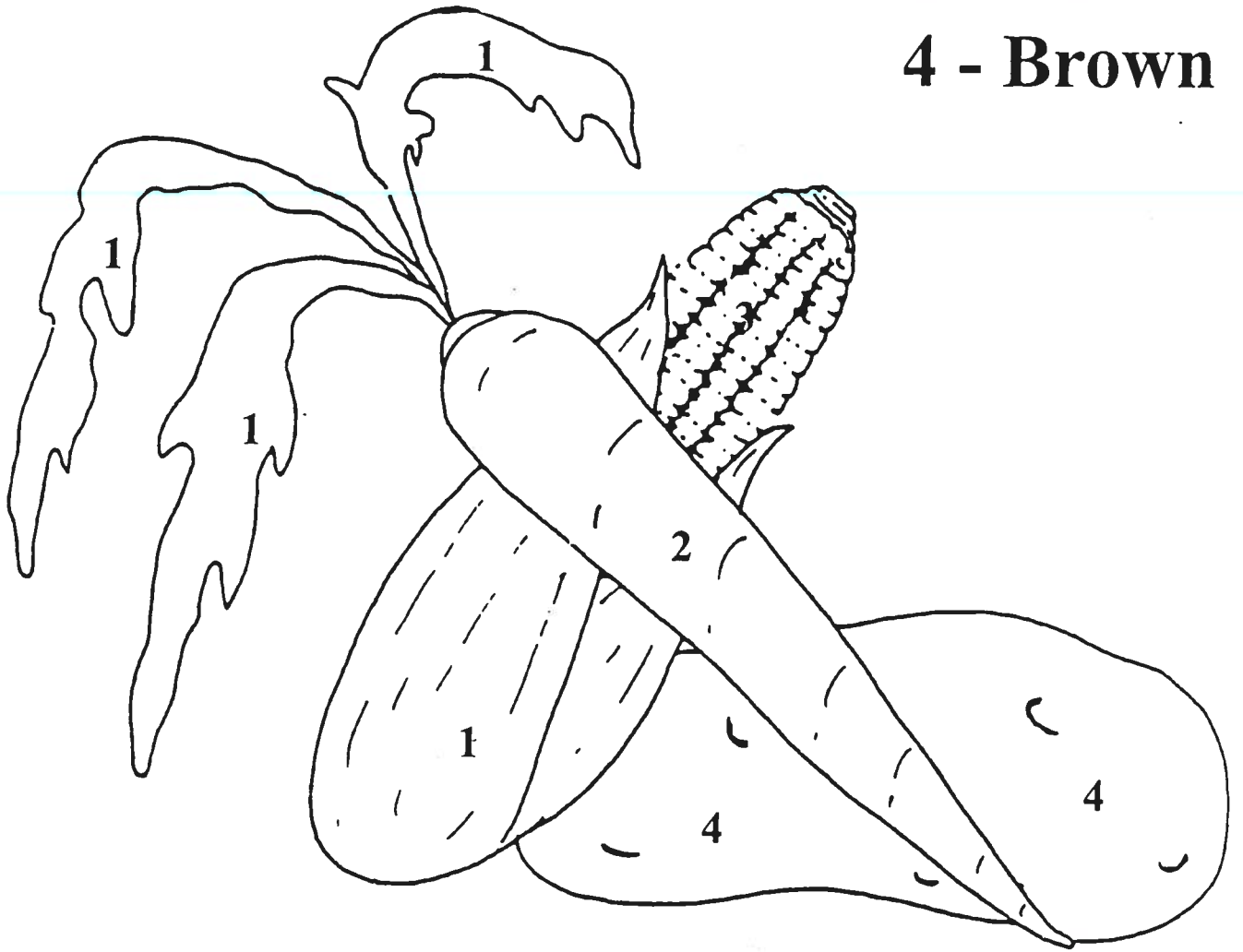
**B** \_\_\_\_\_

**D** \_\_\_\_\_

*Soil* is made up of:

- A. Water**
- B. Air**
- D. Rocks**
- D. Organic Matter**

- 1 - Green
- 2 - Orange
- 3 - Yellow
- 4 - Brown



Where do *vegetables* come from?

\_\_\_\_\_A. The grocery store.

\_\_\_\_\_B. The soil.

*The answer is B.*

Vegetables come from the *soil*.

Vegetables depend on the *soil* to grow, then they are taken to the grocery store.

List ten *vegetables* that depend on the soil to grow:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

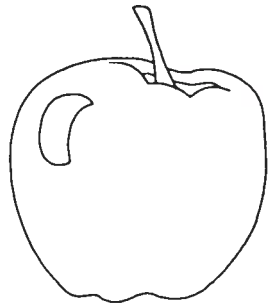
7. \_\_\_\_\_

8. \_\_\_\_\_

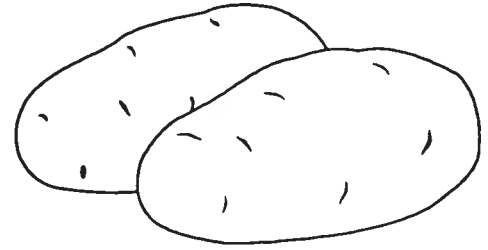
9. \_\_\_\_\_

10. \_\_\_\_\_

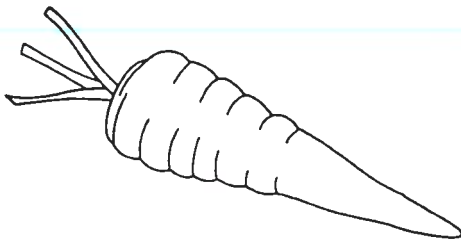




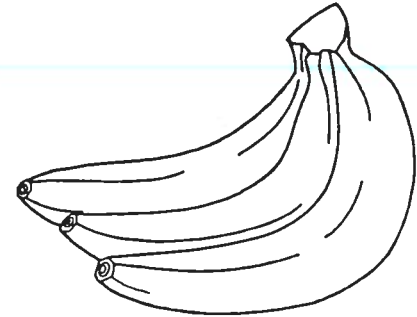
**1. Apple**



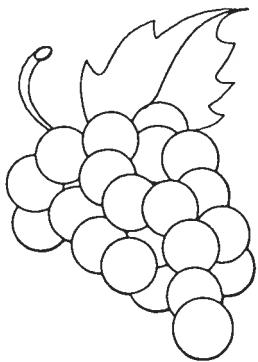
**2. Potatoes**



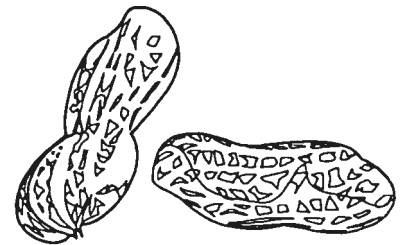
**3. Carrot**



**4. Bananas**



**5. Grapes**



**6. Peanuts**

(Color on your own.)

**Which of these fruits and vegetables are harvested below the soil and which are above the soil? (Write the number.)**

**Below \_\_\_\_\_ Above \_\_\_\_\_**

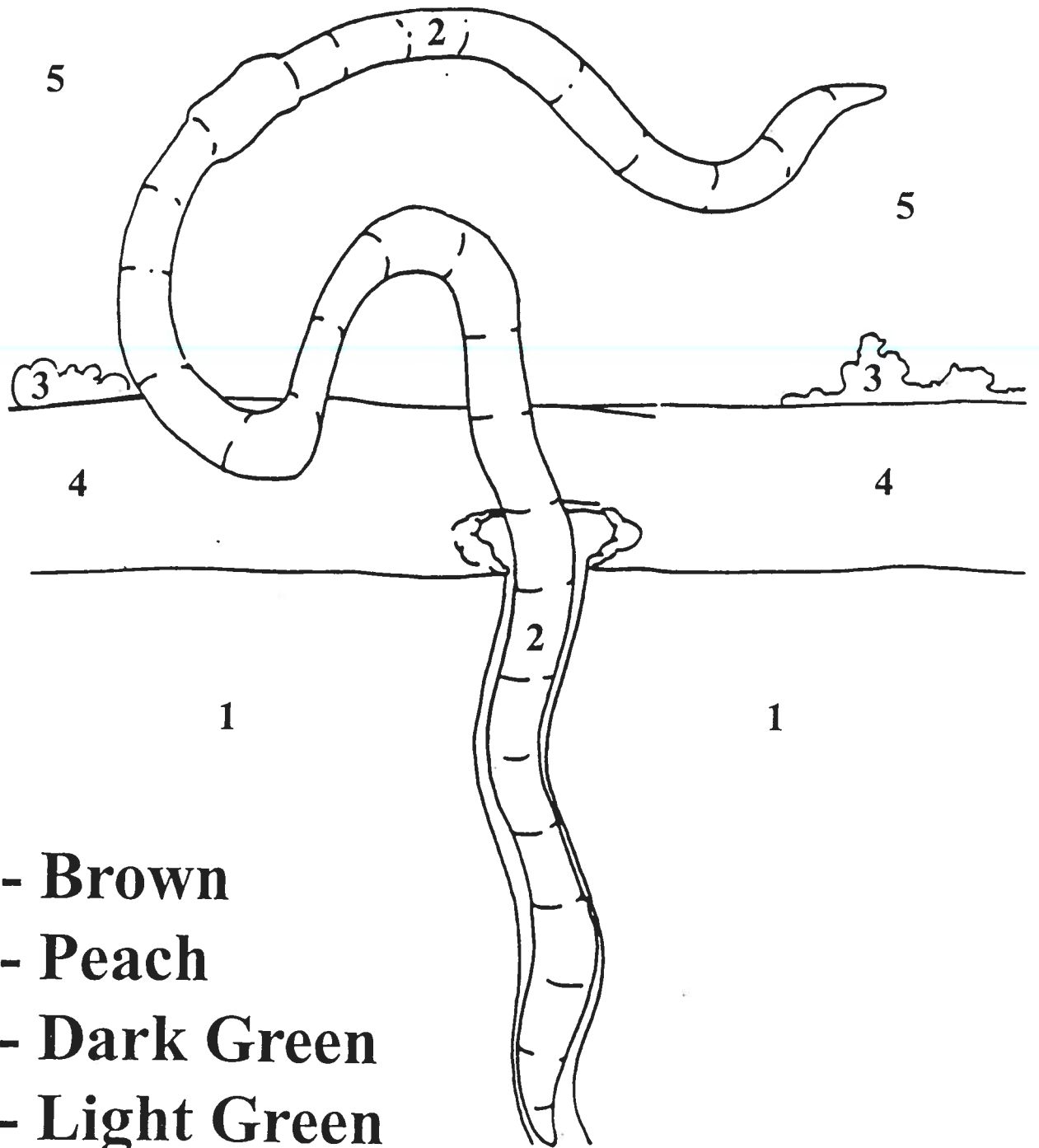
*The answer is:*

**Below**

- (2) Potatoes**
- (3) Carrot**
- (6) Peanuts**

**Above**

- (1) Apple**
- (4) Bananas**
- (5) Grapes**



- 1 - Brown**
- 2 - Peach**
- 3 - Dark Green**
- 4 - Light Green**
- 5 - Blue**

**Are there living things in the *soil*?**

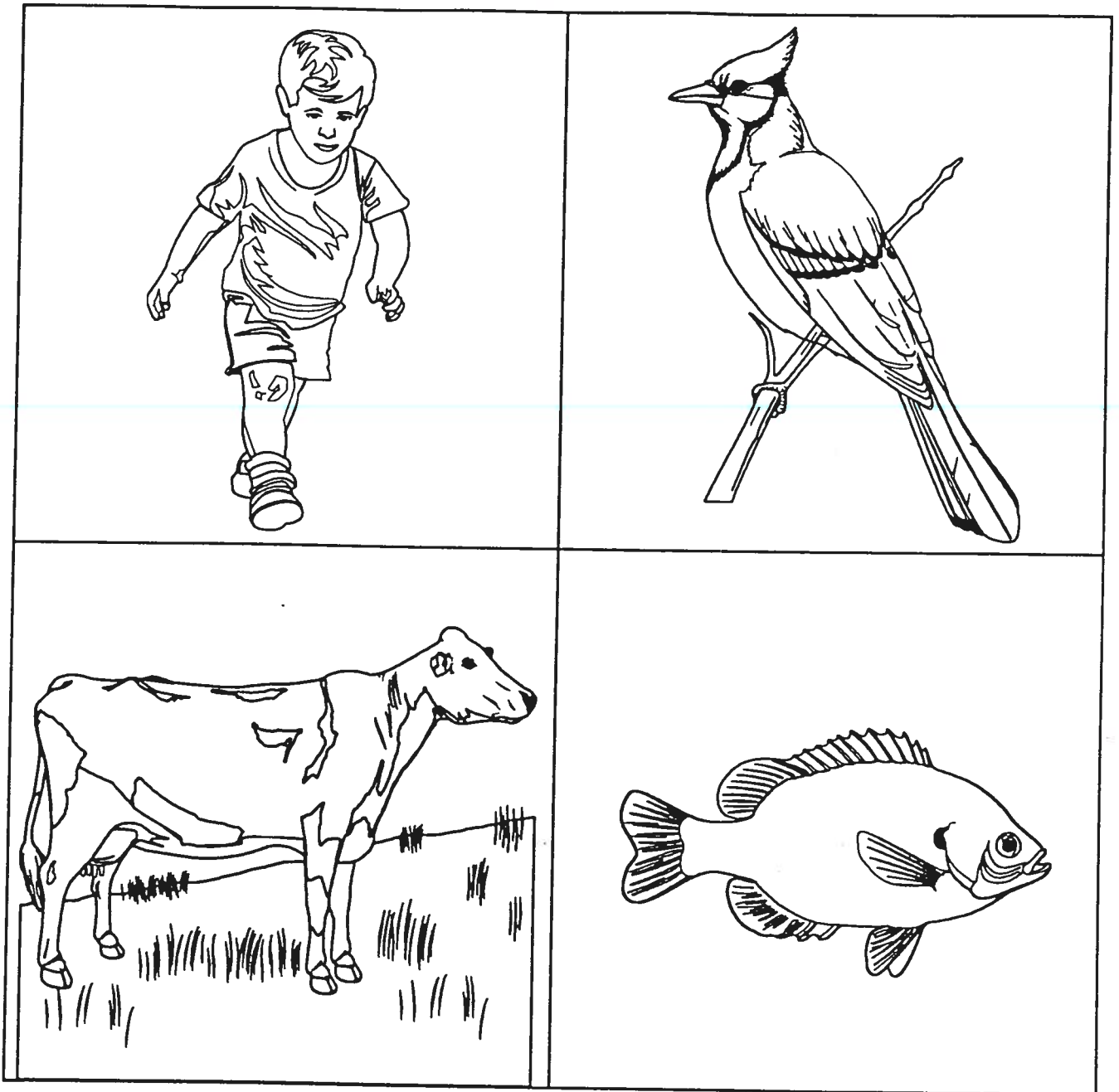
\_\_\_\_\_ **Yes** or \_\_\_\_\_ **No**

*The answer is yes.*

**For example:**

**Earthworms live in the *soil*.**

**Can you draw 4 living things that live in the *soil*?**

(Color on your own.)

**How many of these living things depend on the *soil*?**

\_\_\_\_\_ **A. Boy**

\_\_\_\_\_ **B. Bird**

\_\_\_\_\_ **C. Cow**

\_\_\_\_\_ **D. Fish**

\_\_\_\_\_ **E. All living things**

*The answer is E.*

*All living things* depend on soil to survive.

List or draw 5 living things that depend on soil to survive.

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*The mission of the Natural Resources  
Conservation Service is to provide leadership  
and administer programs to help people  
conserve, improve, and sustain our natural  
resources and environment.*

