Nature in the City: Plants

Joan Elma Rahn

How often have you admired the flowers in the window of a florist’s shop? Most likely, every time you pass one. How many times have you admired the plants growing in the alley next to a florist’s shop? Most likely, not very often. Yet, if you looked closely at some of these wild plants, you might find them very pretty, too.

Often we call plants growing in the country wild flowers. We call plants growing wild in the city weeds. But, a weed is simply a plant that is growing where it is not wanted. Pretty roses might be considered weeds if they grew in a lawn. Flowers in a vegetable garden might be called weeds if they shade the beans and carrots. If a plant made an alley pretty, why would you call it a weed?

In any city, you can find many weeds or wild flowers. Use whichever name pleases you. This selection describes two of the plants that grow wild in many cities. They may be hard to find where you live. Perhaps you will see them when you visit a friend or take a trip.

You can find many of these plants growing along streets and alleys. They also grow under fire escapes, in vacant lots, and in gardens and lawns. Some grow in the cracks in sidewalks. Others grow between the bricks of a street. People rarely mow closer than within an inch or two of telephone poles, traffic signs, fire hydrants, or fences. Check these places for interesting plants. School yards and city parks are other places to look.

Now answer the questions about this part of the story.
1. Where would you most likely find plants growing wild in the city?

   ○ A. window ledges
   ○ B. a florist’s shop
   ○ C. the countryside
   ○ D. vacant lots

2. Based on the text, the best definition of a weed is

   ○ A. a wild flower growing in the country.
   ○ B. a plant growing in the park.
   ○ C. a plant growing where it is not wanted.
   ○ D. flowers in the window of a florist’s shop.

3. The author says you should look closely at weeds growing in alleys or sidewalk cracks because

   ○ A. weeds can be beautiful.
   ○ B. some weeds are poisonous.
   ○ C. some weeds have stickers.
   ○ D. weeds are not very interesting.

4. Fences and telephone poles are good places to look for wild flowers because

   ○ A. they only grow around fences and telephone poles.
   ○ B. fences and telephone poles are shady places.
   ○ C. these areas are seldom bothered by people.
   ○ D. people plant wild flower seeds beside fences and telephone poles.
The two plants described below are considered weeds in the city. You don’t have to worry about getting into trouble if you pick them. However, there are places where you are not allowed to pick any plants. This includes weeds. Of course, you should never trespass or walk onto private property without permission.

**Dandelion**

If you asked people to name just one weed, most would say the dandelion. Almost everyone knows about dandelions. They are among the most common weeds found in lawns and gardens.

The edge of each dandelion leaf is notched. The leaf looks like a row of teeth. These notches gave dandelions their name. Our English name for them comes from the French name *dent de lion*. This means, “tooth of the lion.” The leaves are good to eat in the spring when they are still small and tender. You can eat the leaves raw in a salad or cooked as a vegetable. Later in the year, they become tough and bitter.

A dandelion plant has several stems, each with a head of flowers at its tip. When the heads become older, they close. Then, small fruits with tiny seeds form. When the fruits are ripe, the heads open again. Each fruit is topped by a parachute of fine hairs. The hairs make the head look white and fluffy. The parachute helps the fruit to be carried by the wind. Another name for dandelion is blowball.

*Now answer the questions about this part of the story.*
5. The story mentions that you should never trespass on private property. In this sentence, **trespass** means

○ A. entering property without being told it is okay.
○ B. finding plants growing along streets.
○ C. planting flowers on someone’s property.
○ D. picking weeds on your property.

6. What does the name **dandelion** mean?

○ A. mane of the lion
○ B. hair of the lion
○ C. tooth of the lion
○ D. tail of the lion
Tree-of-Heaven

In the United States, the tree-of-heaven is more common in cities than the country. The tree-of-heaven comes from China and Japan. It did not grow in the United States until 1820 when a few trees were planted in New York City. They grew so well in the smoke and pollution that they were planted in other cities. The seeds from the trees often grew into new trees.

You may find tree-of-heaven in two different kinds of places in cities. Some of them grow along streets where they were planted. Many more grow as weeds in vacant lots. You can also find them under fire escapes, along alleys, and in cracks in sidewalks.

When they are young, trees-of-heaven look a little like smooth sumac. Unlike the smooth sumac, they grow into large trees. The leaves have eleven to forty-one leaflets. Each leaf may be as long as three feet.

The flowers are small and greenish. They occur in large, loose sprays. The twisted fruits have one seed in the center. The fruits turn yellow or orange by midsummer. They stay on the tree until winter.

Trees-of-heaven grow rapidly. They can provide a great deal of shade in just a few years.

Now answer the questions about the story.
7. How can you recognize the tree-of-heaven?

- A. by its rough bark
- B. by its leaves that grow up to three feet in length
- C. by its large, red flowers
- D. by its small, red berries

8. What is the main reason the tree-of-heaven grows well in cities?

- A. People plant it for shade.
- B. It has hard bark.
- C. It grows rapidly.
- D. Smoke and pollution don’t bother it.

9. How is the tree-of-heaven different from the sumac?

- A. When it is young, its bark is smoother than the sumac.
- B. It grows bigger than the sumac.
- C. The sumac doesn’t have flowers.
- D. The sumac grows faster.

10. In the story, Nature in the City: Plants, the main idea is

- A. people should plant more wild flowers.
- B. the dandelion is a pesky, city weed.
- C. the tree-of-heaven is a beautiful shade tree.
- D. people should take joy in all plants that grow in the city.

TOTAL SCORE: _____/10
Fill in the bubble beside the correct **verb tense** to complete the sentence.

1. Wildflower seeds ____________ in the spring.
   - ○ will grow
   - ○ grown
   - ○ grows

2. Jane asked George, “May I __________ your roses?”
   - ○ will cut
   - ○ cut
   - ○ cuts

3. Trees ________________ in New York City in 1820.
   - ○ will be planted
   - ○ was planted
   - ○ were planted

Fill in the bubble next to the **conjunction** that completes the sentence. Use each word one time.

4. She used to think that all of the plants that grew in alleys were weeds, __________ now she knows better.
   - ○ or
   - ○ and
   - ○ but

5. You can pick weeds in a vacant lot, __________ you won’t have to worry about getting into trouble.
   - ○ or
   - ○ and
   - ○ but

6. You can either call plants that grow in alleys weeds, __________ you can call them wild flowers.
   - ○ or
   - ○ and
   - ○ but
Underline the **three adjectives** in each of the following sentences.

7. Vacant lots and city parks are places to look for colorful wildflowers.

8. Each tiny fruit is topped by a parachute of fine hairs.

Circle the **adverb** in each of the following sentences.

9. Lawn mowers rarely mow within an inch or two of telephone poles.

DIRECTIONS: Read all of the sentences. If an underlined word is misspelled, fill in the bubble next to the answer you have chosen. If none of the underlined words are misspelled, fill in the bubble next to “No mistake.”

1. ○ A. Did you watch the runners compete in the race?  
   ○ B. Would you like to have cheese on your salad?  
   ○ C. He gave a sigh of relief when the game was over.  
   ○ D. No mistake

2. ○ A. The French fries were hot and crunchy.  
   ○ B. A field of beautiful daisies bloomed in the spring.  
   ○ C. That house has two brick chimneys on its roof.  
   ○ D. No mistake

3. ○ A. The baby screamed with delight when she saw the kitten.  
   ○ B. Grandmother likes to write poetry.  
   ○ C. The sunlite shines through my kitchen window.  
   ○ D. No mistake

4. ○ A. He spelled the bonus word correctly on the test.  
   ○ B. I suppose I could clean my room after I finish my homework.  
   ○ C. Would you please make a tuna sandwich on toast?  
   ○ D. No mistake

5. ○ A. The loud music hurt my ears.  
   ○ B. I need yellow tissue paper to wrap the birthday present.  
   ○ C. There are a few seats left in the front row.  
   ○ D. No mistake
6.  ○ A.  The frightened doe leapt across the road.
    ○ B.  Did you finish reading that whole book?
    ○ C.  The coach wanted his baseball pitcher to throw a strike.
    ○ D.  No mistake

7.  ○ A.  Raindrops were pleasantly drumming on rooftops.
    ○ B.  Mom likes to eat dried apricots.
    ○ C.  She tried her best to finish painting the house today.
    ○ D.  No mistake

8.  ○ A.  Mother’s pie was good, but yours is the tastiest.
    ○ B.  This test was easier than the last one.
    ○ C.  That puppy is the skinniest one in the litter.
    ○ D.  No mistake

9.  ○ A.  Reading stories is my favorite nighttime activity.
    ○ B.  We need to prune the grapevines on Saturday.
    ○ C.  The motorboat zoomed loudly across the lake.
    ○ D.  No mistake

10. ○ A.  Would you like one or two scoops of ice cream?
    ○ B.  When the doctor was off duty, she read books to the children.
    ○ C.  A large pot of coffee was brewing on the counter.
    ○ D.  No mistake

TOTAL SCORE: _____/10
PART 1 — Antonyms

DIRECTIONS: Read the sentence. Choose the word that means the opposite of the underlined word. Then fill in the bubble next to the word you have chosen.

1. We were surprised by the beauty of the urban landscape.
   ○ A. abandoned
   ○ B. bounteous
   ○ C. rural
   ○ D. enormous

2. It is ordinary for us to eat dinner before having dessert.
   ○ A. unusual
   ○ B. typical
   ○ C. complex
   ○ D. routine

3. Would you mind discarding the broken toy in the garage?
   ○ A. examining
   ○ B. keeping
   ○ C. mounding
   ○ D. bursting

PART 2 — Multiple Meanings

DIRECTIONS: Read the sentence. Read and answer the question. Fill in the bubble next to the answer.

4. The large oak tree shades their front yard.
   In which sentence is the word shades used in the same way as in the sentence above?
   ○ A. There are many shades of blue in the artist’s painting.
   ○ B. The baseball cap shades the boy’s face.
   ○ C. He closed the shades in the living room.
   ○ D. The famous actor wore dark shades to hide his identity.

5. We learned that car exhaust harms the environment.
   In which sentence is the word exhaust used in the same way as in the sentence above?
   ○ A. The scientist was determined to exhaust every avenue in an attempt to find a cure.
   ○ B. We must be careful not to exhaust our camping supplies before the end of the week.
   ○ C. The marathon runner tried not to exhaust himself in the middle of the race.
   ○ D. Exhaust drifted upward from the factory’s smokestack.
PART 3 — Context Meaning

DIRECTIONS: Read the sentence. Using context, choose the word that means the **same** or **about the same** as the underlined word. Then fill in the bubble next to the word you have chosen.

6. With time, you will learn to **adapt** to colder weather, and you will like winter days.
   - A. encounter
   - B. clamor
   - C. observe
   - D. adjust

7. The **vacant** apartment seemed lonely and deserted.
   - A. empty
   - B. fragrant
   - C. decorated
   - D. adequate

PART 4 — Synonyms

DIRECTIONS: Read the sentence. Choose the word that means the **same**, or **about the same**, as the underlined word. Then fill in the bubble next to the word you have chosen.

8. Lush, green, tropical plants grew only on the north side of the island.
   - A. wilted
   - B. nocturnal
   - C. original
   - D. flourishing

9. The **dwelling** had lots of space for the large family.
   - A. intersection
   - B. crevice
   - C. house
   - D. laboratory

10. Some birds don’t **migrate** in the winter.
    - A. nest
    - B. move
    - C. beckon
    - D. curtsy

TOTAL SCORE: _____/10
Passage #1

Refer to “General Directions for One-Minute Administration of Reading Passages.”

Say these specific directions to the student:
When I say “Begin,” start reading aloud at the top of this page. Read across the page (DEMONSTRATE BY POINTING). Try to read each word. If you come to a word you don’t know, I will say the word for you. Read as quickly and accurately as you can, but do not read SO fast that you make mistakes. Do your best reading.

Dawn did not like vegetables! Once, she took an oath claiming she would never try them again. In fact, she disliked vegetables so much she wouldn’t feed them to Ming, her pet turtle. She fed Ming the same foods she liked to eat. She even fed her turtle her favorite dessert, blueberry cobbler. Now, Dawn loves vegetables! What happened that made her change her mind?

Ming had become sluggish and slept all the time, refusing to come out of his shell. Dawn didn’t know what was wrong. She carried him to her mother and exclaimed, “Ming is sick and won’t eat! What’s the matter with him?” Her mother immediately knew why Ming didn’t feel well. Mother told her to feed him fresh vegetables and assured her Ming would soon feel better.

After several weeks, Ming was the active turtle he had been. Helping Ming get well was much easier than Dawn thought. She had learned how important vegetables were to a healthy diet. They were also quite tasty. Dawn started going to the store with her mother every Friday to buy fresh produce. She enjoyed making salads for her family.

EVALUATING CODES FOR ORAL READING

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>( )</td>
<td>inserted word</td>
</tr>
<tr>
<td>( )</td>
<td>after the last word read</td>
</tr>
</tbody>
</table>

Comments:

FLUENCY SCORE

Number of Words Read Per Minute: 
Number of Errors: 
Number of Words Read Correctly: 
Passing Criterion (50th %ile) = 86

Errors include: 1) words read incorrectly; 2) words left out or inserted; 3) mispronounced words; 4) dropped endings or sounds; and 5) reversals. Self-corrections and word repetitions are NOT marked as errors.
Daylight was just breaking. The sun was beginning to peek over the horizon. Jessie sat quietly in his tree house. He was looking down on his backyard. He noticed that heavy dew had settled on the lawn overnight. Jessie pulled his coat tighter around him. He thought about his class assignment. It was to study animals that had adapted to city life. He had chosen squirrels because of their ability to survive.

Jessie watched as squirrels slowly crept out of their nests. The youngest ones chased each other. They scampered from limb to limb. Older squirrels busily gathered supplies for the winter. The first frost was only a few weeks away. Leaves were turning brilliant, fall colors. Soon snow would cover the ground. Then, it would be too late for the squirrels to hide acorns.

A shadow glided across the treetops. It was a hawk hungrily exploring for food. The bird saw the squirrels in the huge, old, oak tree. The hawk plunged down to pursue a tasty morning meal, but it was too late. The squirrels had already taken cover. They were hiding in their homes. Jessie sighed with relief. He had given many of them names, and he considered them friends.
Expository [Description] Writing Assessment Prompt

Writing Situation: You are writing a description about wildlife found in the city.

Audience: Other students

Directions for Writing: Think about the stories you read in the City Wildlife unit. Think about how wild animals and plants survive in the city. Select one wild animal or plant. Write at least one paragraph describing the habitat of your animal or plant and how it survives in the city. Write a topic sentence and use sensory details to support your ideas.

You will score the most points if you use the following checklist.

Revising for Genre: Description

You should:

_____ write at least one paragraph describing the habitat and how your wildlife survives in the city.

_____ use sensory details in your sentences.

Revising for Writing Strategies (Traits)

You should:

_____ write at least one paragraph with a topic sentence.

_____ use supporting facts and details.

_____ write clear sentences that make sense.

Proofreading for Conventions

You should:

_____ use correct punctuation, capitalization, and grammar.

_____ use correct spelling (remember to check the Sound Spelling Cards).

_____ write legibly so your paper can be clearly read.