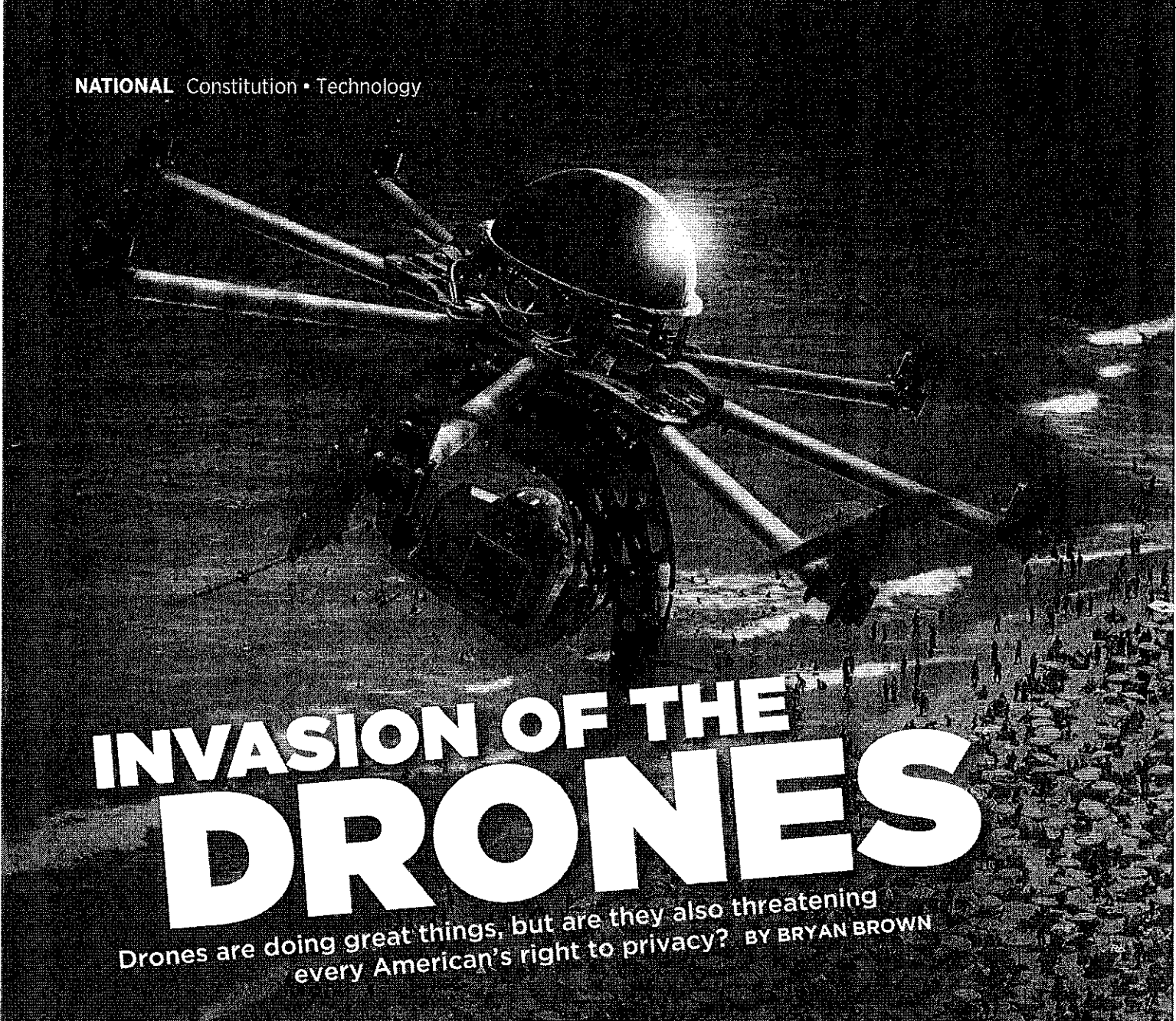


Week of April 6-10, 2020

Mrs. Swigart

Hello! I hope everyone is doing well. You conquered the 1st week! Congratulations! My “office hours” are Monday 1-3, Tuesday 11-1, and Thursday 3-5. Of course, you can always email me and I will try to get back to you as soon as I can. Please feel free to email me any questions you may have. As far as turning in work goes, you can either share a doc with me, or turn it into the school. Hard copies are at the school so you don’t need to print anything. Loose leaf paper works for me as well for turning in assignments. I do ask that your name is written, with the date, class period, and the choice number. You got this! - Mrs. Swigart

Class	Choice 1	Choice 2	Choice 3 (Enrichment)
8th Grade Language Arts	Read and analyze the poem "Welcome to society" (wksts. included)	Write for 30-40 minutes. It can be a free write, journal entry, creative writing, poetry, etc. It should be 1-2 pages in length.	Rewrite the poem "Welcome to society." Write it in a way that you wish society was like. It should have the same number of lines as the original.
8th Grade Literature	Read the article "Invasion of the Drones" and answer the questions from "Know the News:..." and from "Drones vs. Privacy."	Read a book of your choosing for 30 minutes. Then pick one prompt from the Independent Reading Journal Prompts Options. Your explanations should be at least a paragraph long (8-10 sentences). If you choose a project, please use complete sentences.	Write a persuasive essay about the use of drones and your right to privacy. Choose a side to the question: Are drones a good thing, or are they threatening your right to privacy? (At least 2 paragraphs, 8-10 sentences each)



INVASION OF THE DRONES

Drones are doing great things, but are they also threatening every American's right to privacy? BY BRYAN BROWN

THIS PAST JANUARY, a drone helped save two teenage surfers from drowning. Lifeguards on a beach near Brisbane, Australia, were testing a new rescue drone. Just then, they heard that a pair of young surfers had gotten caught in rough water with 10-foot waves. The lifeguards steered the drone above the swimmers. Just over a minute later, the drone released a flotation device. The teens grabbed on and swam safely to shore.

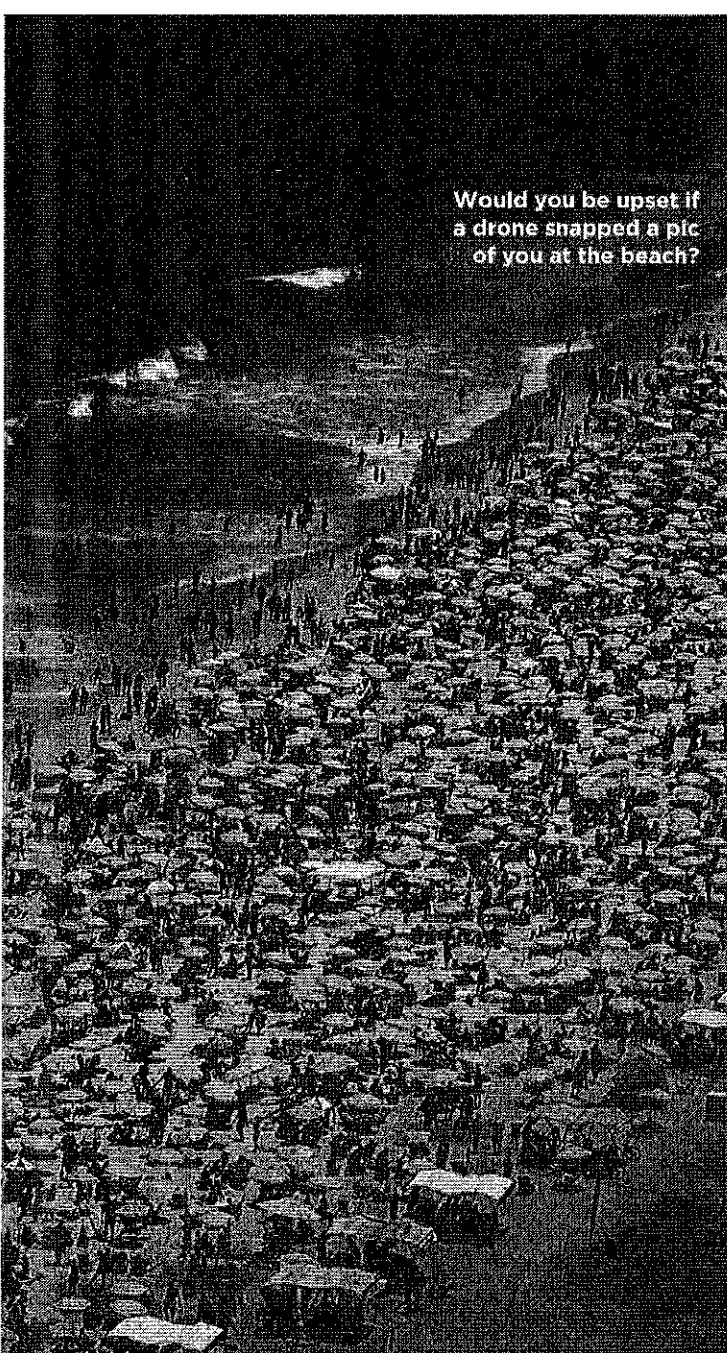
About six months earlier, a drone interfered with a major operation to combat a wildfire near Prescott, Arizona. It was last July, and firefighters were battling a fast-spreading blaze in the Prescott National Forest. Planes and helicopters were taking to the air to drop fire retardant and help the crews. But they were

abruptly ordered to land. Why? A civilian was trying to get pictures of the fire with his drone. That was putting the whole operation in danger. A drone "could easily get into the blades of a helicopter and take it down," says Tyler Clare, a firefighter who was at the scene.

Firefighters were finally able to find the drone's operator, then get their aircraft back into the air. But an hour had passed. "That's a long time as far as a wildfire goes," Clare says.

As these two incidents make clear, having drones in our skies is a complicated issue. A drone is a remote-controlled aircraft without passengers. It is also known as an unmanned aerial vehicle (UAV). Today, drone use in the U.S. is skyrocketing. Drone sales are expected to reach as high as \$1.2 billion this year. That is according

Would you be upset if a drone snapped a pic of you at the beach?



Those cameras can transmit stunning images from the sky. But the potential for them to invade our privacy has a lot of people worried. For instance, there have been many reports of drones spying on sunbathing women. One Kentucky father is reported to have spotted a drone hovering over his daughters in their backyard. He brought it down with his shotgun.

The issue gets more serious when it comes to surveillance by authorities. The Fourth Amendment to the U.S. Constitution guarantees freedom from “unreasonable searches and seizures” of Americans and their property. But supporters of **civil liberties** warn that police could use drones to follow your car, or be able to gather evidence against you without a **warrant**.

Drones are being used to study hurricanes and deliver medicine in remote areas.

To date, some 20 states have passed laws regulating drone use. Most of them deal with privacy concerns by spelling out how police can use drones.

FLYING ROBOTS AT WORK

Still, commercial drones are revolutionizing the workplace. Farmers are increasingly using them to monitor crops and animals. They also use them to spray pesticides over large areas. Engineers have begun using drones to examine complex infrastructure, such as checking a dam for cracks. They can do this with drones much faster and more safely than they could with the human eye.

Meanwhile, a number of companies, including Amazon, are developing drones that may one day be able to drop purchases on your doorstep. In New Zealand, Domino’s even showed that it could use a drone to successfully deliver a still-hot pizza.

DRONES TO THE RESCUE

More dramatically, drones have become crucial in saving lives. In the African nation of Rwanda, a California company called Zipline is making it possible to transport blood and medicine to remote hospitals via drone. A trip by car over mountains and washed-out roads might take an entire day. But a Zipline drone can complete a delivery from a distribution center in 30 minutes or less. →

to the Consumer Technology Association.

Drones have proved themselves invaluable in many ways. For example, they help us study hurricanes and deliver food and medicine in remote areas. But as the number of drone owners increases, drones threaten to clog the nation’s airways. They also can be used for questionable and even illegal purposes, including spying by police or civilians.

How do we keep this helpful technology from also becoming a big headache? How can we prevent it from violating our right to privacy? Those are questions that our government and society are just beginning to wrestle with.

INVASION OF PRIVACY

One of the top selling points of drones is their cameras.

BUENA VISTA IMAGES/GETTY IMAGES

NATIONAL

Members of the Russian Emergencies Ministry test a rescue drone near Moscow.



The U.S. Department of the Interior, which oversees America's national parks, has a fleet of more than 300 drones. Last year, the National Park Service began using drones for search-and-rescue operations in the Grand Canyon. These aircraft can operate in tight spots where it is too dangerous for helicopters to go. They also can hunt for people in the dark by using thermal-sensing cameras to detect body heat.

"You can search all night long," says Brad Koeckeritz, director of the Interior Department's drone program. "People pop right out at you, and you can tell their precise location."

Drones are also proving indispensable to firefighters. That is because the machines can fly through smoke and detect hot spots. Last December, the Bel-Air neighborhood of Los Angeles, California, was ravaged by wildfires. The fires forced 46,000 residents to be evacuated. The L.A. Fire Department was able to use two drones to help steer people through smoke-filled hills to safety.

ACCIDENTS WAITING TO HAPPEN

Still, drones can also be a hazard. The situation with the drone in Prescott, Arizona, is an example of

that. When officials found the owner of that drone, they arrested him for endangering the lives of the firefighters who were battling the wildfire.

Recreational drones flown by hobbyists are a special problem near airports. Each month, the Federal Aviation Administration (FAA) gets more than 100 reports of near-misses between jets and drones. A collision or a drone getting sucked into a jet's engine could threaten people in the air and on the ground.

Civilian and military officials across the country are



Drones have become indispensable tools in emergencies, but hobbyists trying to see for themselves can keep firefighters from doing their jobs.

Swigart
8th Lit.
Opt. 1 pg. 4

concerned about drones getting cheaper and more popular with the general public. That is because it could make our airways more and more crowded.

"This is an accident waiting to happen," U.S. Representative Peter DeFazio, a Democrat from Oregon, told a House committee last November. "We are going to lose an aircraft."

KEEPING SKIES SAFE

As experts see it, the government has an important question to answer: "How do we integrate the airspace and allow thousands of drones and manned aircraft to cohabitate?" says Dan Gettinger. He is with the Center for the Study of the Drone at Bard College in New York.

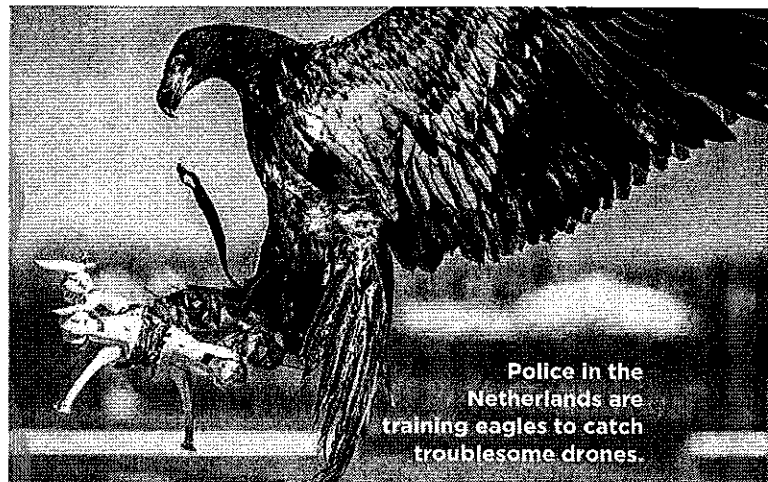
The FAA issues **regulations** to keep the nation's skies safe. It has strict rules for drone users, says Juan Alonso, a professor of **aeronautics** at Stanford University in California. Alonso sits on the agency's drone advisory board. The FAA requires a drone operator to be at least 16 years old. Drones can be flown only during the day and must be kept below 400 feet. They also have to stay in the operator's line of sight. Current regulations also ban flying drones over people. For now, that is preventing a lot of potential drone uses, such as delivering packages to your home.

These regulations are constantly under review. Alonso says the FAA will soon require all drones to have a kind of electronic license plate so that they can be instantly recognized. "That will go a long way in identifying drones that are doing something useful and those that might do something nefarious," Alonso explains.

DANGEROUS DRONES?

Bad guys using drones may sound like something out of a movie. But it is a very real possibility, experts warn. In the wrong hands, drones could pose a serious risk to nuclear power plants, government buildings, and military bases. "Drones could carry explosives or surveillance equipment," Alonso notes. "This could have an impact on national security."

Indeed, U.S. military leaders recently testified before Congress about unauthorized drone flights over military bases. "These intrusions represent a growing threat to the safety and security of nuclear weapons and personnel," said General John Hyten, commander of the U.S. Strategic Command.



Police in the Netherlands are training eagles to catch troublesome drones.

TRANSFORMING THE WORLD

As drones become more sophisticated, their potential for positively shaping our lives is huge. Consider vertical takeoff and landing (VTOL) technology. VTOL aircraft are able to lift and descend straight up or down. That means they do not need a large landing strip.

Some manned aircraft can already do that. But, Alonso says, it is only a matter of time before self-operating VTOL air taxis are transporting people more easily and cheaply than planes.

Meanwhile, new technology that would allow Amazon and Domino's to deliver packages and pizzas by drone is almost ready, experts say.

The sticking point is regulation. "In a couple of years, we could see delivery drones operating in rural areas," says Gettinger. For urban areas, the FAA will have to find a balance between safety and encouraging innovative use of drones. But that *will* happen, he believes.

Still, as the use of commercial drones increases, Americans will have to wrestle with the trade-offs of having them constantly hovering overhead. "Is the value of having a pizza delivered to your doorstep by drone worth the potential safety issues or the noise pollution?" Alonso asks.

For his part, Alonso can live with the potential downsides. "I am a convert," he says of the promise of drones. "They are going to transform the world in ways we haven't even thought of." ♦

How can drones and manned aircraft cohabitate?

CORE QUESTION How might drones threaten the civil liberties of Americans as protected by the Fourth Amendment?

Test Prep

Know the News: Invasion of the Drones

Read the article on pp. 8-11, then answer the questions.

- Which is a central idea of the article?
 - Drones can deliver lifesaving food and medicine to people in remote areas.
 - A drone recently helped lifeguards save two teens in Australia.
 - Amazon is developing drones to deliver items to people's homes.
 - Drones can provide many benefits, but they may also threaten our right to privacy.
- Which of these statements would Juan Alonso likely agree with?
 - Drones should be outlawed.
 - All kids should be allowed to operate drones.
 - The benefits of drones outweigh the risks.
 - Drones are too expensive.
- Which statement is an opinion?
 - More states should regulate the use of drones.
 - The U.S. government agency that oversees national parks has more than 300 drones.
 - Farmers are using drones to monitor crops.
 - The Federal Aviation Administration (FAA) says drone operators must be at least 16 years old.
- Which of the following does *not* support the claim that "drones have proved themselves invaluable"?
 - "Engineers have begun using [drones] to examine complex infrastructure."
 - "The National Park Service began using drones for search-and-rescue operations."
 - "Drones threaten to clog the nation's airways."
 - "A California company called Zipline is making it possible to transport blood and medicine to remote hospitals via drone."
- Which amendment to the U.S. Constitution guarantees freedom from "unreasonable searches and seizures"?
 - First Amendment
 - Second Amendment
 - Fourth Amendment
 - Eighth Amendment
- Based on context clues, what does *revolutionizing* mean in the following sentence? "Commercial drones are revolutionizing the workplace."
 - changing slightly
 - decreasing the profitability of
 - changing dramatically
 - causing to fail
- How does the cartoon on p. 10 contribute to the article?
 - It demonstrates how drones are helping fight fires.
 - It illustrates how drone use can be dangerous.
 - It shows the benefits of drones for search-and-rescue operations.
 - It explains why many firefighters are drone hobbyists.
- What is keeping Domino's from delivering pizzas by drone in the U.S. today?
 - the cost of drones
 - inadequate technology
 - FAA regulations
 - lack of customers
- Which of the following actions might be described as *nefarious* (see p. 11)?
 - delivering a cold pizza via drone
 - using a drone to spy on a private home
 - flying a drone above 400 feet
 - failing to have an electronic license plate for a drone
- Which of the following statements is *not* supported by information in the article?
 - Drone regulations may be necessary to prevent risks to personal and national security.
 - Drones are able to complete certain tasks better than humans.
 - Many people say the benefits of drones outweigh the downsides.
 - Drones will soon be banned in urban areas.

Swigart
8th Lit.
Opt. 1

Close Reading

KEY STANDARD

RI.6-8.1

Drones vs. Privacy

In "Invasion of the Drones" (pp. 8-11), you read about the increasing use of drones for work and play. Using evidence from the article, fill in the graphic organizer below with four benefits and four drawbacks of drones.

BENEFITS OF DRONES	DRAWBACKS OF DRONES

Putting It All Together Do the benefits of drones outweigh the drawbacks? If so, how might the drawbacks be reduced? Explain your answers on a separate sheet of paper.

Independent Reading Journal Prompts page 1

Following is a list of journal prompts. Use whatever helps you to arrive at good, interesting reflections. Remember, you journal entries should be your reflections, connecting your novel to universal ideas, current events, history, yourself, etc. Also, pay attention to the writer's craft. Have fun!

Please label your journal entry.

- Describe the problem/conflict of this book.
- Summarize the main events in this book so far.
- Who is your favorite or least favorite character? Why?
- Do any of the characters remind you of yourself, a family member, or a friend? How?
- Are there situations in the story where you would have acted differently than one of the characters? Describe what you would have done.
- Compare and contrast two characters. Include at least three important similarities and three important differences.
- Describe the setting (time and place). Does it remind you of anywhere you are familiar with?
- Describe the climax (the turning point of the story when the action reaches a critical point).
- What do you like best about the story? The least? Why?
- Does this story remind you of other books you have read, movies you have seen, or experiences you have had? Describe the similarities.
- Write a letter to a friend recommending this book.
- If you could ask the author one question, what would it be? Why do you want to know this?
- Why do you think the author wrote this selection?
- What did the author do in order to "hook" the reader? Explain.
- What "pictures" does the author create in your mind? Draw and describe them.
- Have you learned anything interesting that you didn't know before reading this selection? Explain.
- Are the characters believable? Why or why not?
- Write a letter to one of the characters giving him/her advice on how to handle a problem or situation he/she is facing. Be sure to include a greeting and a closing.
- If you could spend one day with a character, who would it be and what would you do? Explain why you chose these activities for this particular character.
- How has the main character changed over the course of the story? What do you think is the cause of the change?
- What was the best part of this book? Explain.
- Are there any parts you would change? Explain.
- How did you feel while reading this book? Why did you feel this way?
- Pretend you are a character in the story. Write a diary entry as the character, explaining what has happened to you and how you feel about it.
- Using the text, illustrate a descriptive passage, a key scene, or a character (this should take some time and effort . . . no stick figures!). Describe the picture.
- Create a timeline of important events in the story. Give corresponding page numbers by each event.
- What are two attributes that describe a particular character? Give at least two examples for each attribute that support your opinion.
- Prepare an interview with your favorite character in the book. Prepare at least 10 questions to ask the character. Write the character's answers to the questions.
- Cast the film version of the book. Decide which real life actors and actresses should play the parts of the main characters. Include photos and descriptions of the stars you've selected and an explanation of why each is "perfect" for the part.

- Turn the book or a portion of it into a comic book with comic-style illustrations and dialogue bubbles.
- Create a poem that a character in the book would write. The poem may focus on a situation in the book or describe how the character feels about what is happening.
- Write a postscript or a continuation to the story, explaining future occurrences in the characters' lives.
- Write a letter from one character to another.
- Design a travel brochure focusing on the setting of the book. Include a map with explanatory notes of significant places. Describe the type of activities that tourists might find there.
- Create the front page of a newspaper based on the events in the book.
- Develop a fact sheet about the book, listing 10 facts that you learned from reading it. The facts must be written in complete sentences and include details you didn't know before reading the book.
- Design a book jacket for the book. Include an original book blurb and information about the author on the jacket along with your review comments. The jacket should "sell" the book to other readers.
- Make a list of 10 or 15 rules by which the main character in the book lives. Tell how these rules compare to the rules you live by. Tell how the character's life would have been different if you had been living it.
- Pretend that you are a fortune-teller and predict what each of the main characters will be doing in their lives ten years after the story ends. Explain your prediction for each character.
- Write a letter of recommendation for one of the main characters in the book. It can be a letter of recommendation for a job or for college admission. Discuss the good and bad points of the character and why you are recommending that character for the job or school.

(taken from Mr. Crumb and L. Cornwell)

I liked the way that the writer...

I didn't like...because...

This novel makes me realize...

The most important thing about this novel is...

If I were (name of character), I would (wouldn't) have

What happened in the novel was very realistic (unrealistic) because...

I agree (disagree) with the writer about ...

I think the title is a good (strange/misleading) choice because...

A better title for this book would be...because....

In my opinion, the most important word (sentence/paragraph) in this novel is...because...

If I could talk to (name of character), I would say...

The novel is similar to (different from) other novels I have read because...

The novel is similar to (different from) other novels by this writer because ...