Learning Outcomes

Students will master strategies to

- make their writing clearer, more concise, varied, and vivacious
- write coherent and unified texts with a distinct voice

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Help Them Hear You

5.1 What Is Style? Why Does It Matter?

On the first day of class, I ask my students what good writing is. Once a student called out, "Not boring!" I appreciated the bluntness because it’s true: good writing is interesting—or to use a less boring word—good writing is vivacious.

This chapter will help you improve your writing style. What is style and why should you care about it? Style is the sum of a writer’s choices in vocabulary, sentence length, sentence structure, and more. Developing strong style turns a sufficient writer into a superb one. I love teaching style because most
of my students are sufficient writers when I meet them. They already know how to find information and craft an argument (substance), they can organize their thoughts (structure), but the wording itself (style) is often thick and clunky. If you think that sounds like you—no worries! Your writing should be thick and clunky—in the first draft, anyway. Style is revision. Just as mastering style comes later in our writing education, it comes later in a paper’s progress.

Before we talk about how to apply that high-gloss finish to your masterpiece, here’s a bonus reason to love style—I bet you chose your major because you’re passionate about sharing it. In your classes you’ve studied how to solve problems like reducing athletic injuries, improving parenting skills, or helping children appreciate the arts. Maybe you’ve wished these athletes, parents, or children could learn what you have. Unfortunately though, these people aren’t likely to read textbooks or academic journal articles because they’re . . . not exactly not boring. How can you get these solutions into the hands of the people who need them? The answer is style. A scholar who can transform stacks of dense research into a concoction as clear as oxygen and as gripping as a mystery novel can change the course of history. My proof? We’ll meet her at the end of this chapter.

5.2 How to Use This Chapter

This note is more for your instructor than for you, but reading this chapter in one sitting or covering the material in one class period would be a mistake. First, style is a broad concept that concerns everything you are writing this semester. Second, this chapter requires the mastery of skills, not just knowledge. The exercises ask you to rewrite sentences, and sometimes paragraphs, so budget your time accordingly.

This chapter will focus on two principles of style, clarity and vivacity, and several strategies to achieve each. One way to divide the material is to teach clarity early in the semester or during lessons about writing for an academic audience and to teach vivacity later in the semester or during lessons about writing for a general audience.

5.3 Clarity
Lately I've enjoyed hidden picture puzzles. At first I thought they would be child's play—I mean, I've known what a banana looks like for some time now. But many are challenging (at least for a word nerd with no spatial skills). As I played, I realized the three qualities that make a hidden picture puzzle hard to crack (which is good) also make a piece of writing hard to read (which is bad). A hidden picture disrupts clarity for the amusement of the viewer, but as writers, we don't want our meaning to be hidden. We want to give our readers a clear picture.

**Concision**

So what ingredients create a tough hidden picture, and conversely, what strategies create clear writing? First, the puzzle requires you to find about ten objects, but the picture is a complete junk heap—it might depict fifty objects or more. All the clutter makes it difficult to spot the object you need. This relates to the first component of clarity: concision. Unlike a hidden picture puzzle, we don't want unneeded or wordy material to confuse, distract, or slow down the reader.

**Coherence**

Second, the picture puts objects where you don't expect them to be. If I'm looking for a shoe, I may instinctively look at the ground first because that's where my shoes usually are. Of course, the picture is not real life and tricks me by dangling the shoe from a chandelier. Can't say I've ever put my shoes there. By contrast, we want ideas to be where readers expect them. We want coherence, meaning
logical order. For example, research articles often use the IMRAD format (Introduction, Methods, Results, and Discussion). I suppose scientists could try a “MARDI” format or describe their studies in rap lyrics, but those genres wouldn’t best help us understand their findings. Furthermore, publishers and readers would wonder why the writers don’t seem to grasp the expectations of a research article (Are they not intelligent?) and question their credibility. So save any poetic chaos for creative writing class and keep your academic papers shipshape.

Cohesion

Third, hidden picture puzzles blend and camouflage an object, so even if you see it, you don’t recognize it. For example, a blonde's ponytail can look a lot like a banana. We don’t want our ideas to have the blurry haze of a hidden picture. Cohesion is all about forging links: you want to glance backward and forward, showing how your second idea connects to your first idea and how the second will connect to the third. Sometimes we’re so happy to be done writing the meat of a paragraph we neglect to cap it with a transition. But it’s our job, not the reader’s, to put the pieces of our paper together. Make sure your writing comes “no assembly required.”

To sum up, clarity consists of concision, coherence, and cohesion. To preview the other half of this chapter, vivacity vies for variety and voice. I’m sorry, but alliteration is alluring—which brings me to my final point about clarity. “Clarity trumps everything” (Harrison, 2012, p. 164). It doesn’t matter how beautiful or clever (or alliterative) a sentence sounds if your audience doesn’t know what it means. Our chief goal as we revise is to make the phrasing clearer. If we can also make it more interesting, so much the better. Clarity is for the brain; vivacity is for the ear—and the heart.

5.4 Concision

Concision means getting the most power from the fewest words (Harrison, 2012). It doesn’t mean being brief at all costs or neglecting detail (Strunk, 2004). It means every word must be doing work. Here’s a comparison.

Imagine an Apple engineer hands you the latest iphone. You are intrigued because it has not one button but two. “What does this button do?” you ask. “Oh,” the engineer mumbles. “It doesn’t do anything. We had some plans for it, but they didn’t pan out. I guess we should have removed it.” You probably feel embarrassed for Apple and use your new iphone to join the internet’s mockery of its design flub. The inspiration for this example came from The Elements of Style, a writing guide named one of the best and most influential books. It compares writing to design this way: “A sentence should contain no unnecessary words, a paragraph no unnecessary sentences, for the same reason that a drawing should have no unnecessary lines and a machine no unnecessary parts” (p. 23). The term composition can be a synonym for both design and writing.

So take pride in your writing—aspire to the same standards of artisanship as when you bake a cake, build a robot, or shoot free throws. Now that we’ve defined concision, let’s address some qualms students may have about writing concisely.

Complicated ≠ Intelligent

Many students believe “the more words we use, or the more elaborate our language, the more intelligent we sound” (Fiske, 2006, p. 43). In fact, the opposite is true, as this Stanford University
study found. People who understand their topic can communicate it simply. Remember—"clarity trumps everything" (Harrison, 2012, p. 164). So don’t let the desire to sound professional (which is good) end up making you sound dull or murky. This became such a problem in government publications that Congress passed the Plain Writing Act in 2010. Our government even maintains a website about good style. Government employees have won the No Gobbledygook Award with fantastic revisions like this one (scroll down to see it). So concision isn’t just wise; it’s the law.

**Don’t Inhale the Wordiness Surrounding You**

Once a student doubted concision could be so important when his textbooks, he pointed out, were not concise. Unfortunately that’s true—many things we read are models of information more than models of writing. And we tend to imitate what we read, so beware of poor models. Always read critically, whether that’s questioning information or the presentation of it.

**Thoughts Count, Not Word Counts**

Finally, students may inflate their wording because they’re thin on material and need to fill a page count. Unconcise writing “makes a little thought go a long way” (Lanham, 1981, 21:41). Here we can see how higher-level writing skills (like research and process) can influence sentence-level skills like concision. Students who have solid substance don’t need to be wordy. Students who plan well have time to revise.

Some students hope the teacher won’t notice a little padding here, a little padding there. *I* notice. Your English teacher notices. Your non-English teachers notice, if only subconsciously. The word concision may not enter their minds, but if they breeze through your paper (when they must trudge through so many in their grading pile) their supreme gratitude will likely boost your grade.

Now that we’ve discussed the value of concision, let’s look at some wordy sentence patterns and learn how to fix them.

**Wordy Sentence Patterns**

**Near Synonyms**

The first type (and the one people are most familiar with) is simple redundancy. The writer uses words that are similar or very much the same. See what I did there? I didn’t need to say *similar* and *very much the same*. Try revising this sample on your own:

Many of the concepts and principles early psychology taught have not withstood later research and study.

*Show Answer*

Your revision may vary, but I hope you caught both pairs of near synonyms. Now, is there a shade of difference between *concepts* and *principles*? Yes, *concept* sounds like a pure idea while *principle* sounds more like a guideline or even a moral belief. The question is, are these terms different enough to justify asking the reader to process more words? Will the reader sense something is missing if I don’t use one? Often the answer depends on context. As for *research* and *study*, they can be synonyms if I mean consuming information. Perhaps *research* is a subset of *study*: *research*
implies study but study doesn’t necessarily imply research. If my only meaning is scientific experimentation, I would keep research and cut study. When faced with near synonyms, pick the one that best fulfills your purpose.

Students often use synonyms to round the sentence out by ear. They’re afraid of short sentences. Don’t be. You’ll have plenty of opportunities to write in a variety of sentence lengths. Some wonder if an extra word or two can truly damage a sentence much. One instance often goes unnoticed; the danger is creating unconcise habits. An unneeded word in each sentence will soon bloat a paper drastically.

Circumlocution

The next type is circumlocution, which means to talk around. This is using a phrase for which we already have a word. Often, that phrase defines the word itself. My mind once tripped over this sentence (see if you can find the circumlocution):

The researchers quickly identified the problem and what the desired result of fixing it would be.

Why does that last part sound so funny? The desired result of fixing a problem sounds like a solution to me. In fact, if we looked up solution in a dictionary that’s roughly what it would say. Now revise this sentence:

In the event that the foundation does not renew our grant, we will not add any new staff in 2020.

Show Answer

So don’t dance around your meaning. Locute; don’t circumlocute.

Words Implied by Other Words

In the case of words implied by other words, the writer has found the right term but tacked on unneeded specifiers. Take a look at this example:

Laurel, one of my fellow classmates, combined the hydrogen peroxide and potassium iodide together (Fiske, 2006, p. 107).

Can we combine the materials separately? No, by definition combine means together, so we can cut together. We can also use the singular classmate to imply one of. Is it possible to have an unfellow classmate? Well, that sends my sarcastic imagination spiraling in all sorts of directions, but that’s probably not the writer’s intention. So here’s the revision:

My classmate Laurel combined the hydrogen peroxide and potassium iodide (Fiske, 2006, p. 107).

Some students even cut My classmate. Again, context should dictate that decision. Does the reader need to know Laurel is a classmate? That will depend on if we’re writing a lab report (then probably not) or a blog post to interest parents in trying chemistry experiments with their children (then why not?). Now remove the implied words in this sentence:

My friends and I decided that the Cannon Center is where we would dine on one particular night.

Show Answer
You may have noticed the original sentence wasn’t long or unclear. If spoken, it wouldn’t strike you as rambling. Since conversations are impromptu and writing can be revised, the standard of concision in print is much higher.

The first three strategies treated the word level. The next three eliminate weak sentence structures. Doing so will automatically make them more vivacious.

**Smothered Verbs**

*Smothered verbs* is a friendlier term for *nominalization*—meaning to turn into a noun. Most words can take several parts of speech:

The crew *completed* the building four days early. (verb)
The building was *completely* finished four days early. (adverb)
The *completed* building was four days early. (adjective)
The building was brought to *completion* four days early. (noun)

Each example stresses a different component. The first highlights the crew’s action while the second emphasizes completeness (a nominalization from the adjective *complete*) with the doubled *completely finished*. As is usually the case, our verb form here is probably the best while the noun form is probably the worst. Other considerations being equal, use the verb form.

I see a lot of nominalized verbs in this sentence:

Colleges now have an understanding that yearly tuition increases are impossible because of strong parental resistance to the soaring cost of higher education (Williams, 2010, p. 40).

Smothered verbs get ridiculous quickly. For some reason, we’re not allowed *to understand*—we have *to have an understanding*. Resist isn’t good enough either, but *resistance of* is. It sounds pompous and pointless, not professional. How about this instead—

Colleges understand they cannot increase tuition yearly because parents resist (Williams, 2010, p. 40).

You can keep *the soaring cost of higher education* if you want, but I resisted it. In this sentence, turn as many nouns as you can into verbs:

With the recent reintroduction of gray wolves to Yellowstone, helpful changes in the ecosystem have occurred, such as a decrease in the elk population, changes in the plant life, and overall the restoration of the natural ecosystem.

**Show Answer**

Whoa—that sentence became much shorter and clearer by using verbs (and more specific ones). Beware of generic verbs like *change* and *affect*. *I affected my sister today* sounds wacko. Worse, you could use the nominalization *I had an effect on my sister today*. A normal person would get to the point by saying *I cheered up my sister today* or *I annoyed my sister today*.

The following sentence doesn’t sound wacko, but it should:

Excessive media consumption affects language development.
Um, how? Not good, I’m guessing? Understandably, studies often use affect because researchers don’t yet know how their variables interact. You, however, know the conclusion and can use a dynamic verb. “Plus and minus” verbs work well, such as increases/decreases or helps/hinders. We could rephrase to—

Excessive media consumption slows language development.

Without such a verb, we’ll need another sentence:

Excessive media consumption affects language development. Children do not progress as quickly.

Speed up this tentative momentum with precise verbs. Don’t smother them. Now watch this video to solidify your anti-nominalization skills:

Passive Voice

Passive voice sentences tend to be longer, dryer, and harder to understand. The most typical sentence structure is subject/object/verb:

Dean kicked the ball.

This is active voice. Passive voice arranges it object/verb/subject:

The ball was kicked by Dean.

That’s a formula for recognizing passive voice: "To be" verb/past tense verb/by subject. Use active voice as much as possible. To change passive voice into active voice, set the subject where it
belongs—in the driver’s seat since it’s driving the sentence.

Original: Since one of the best libraries in the country is owned by our university, a library science program should be started.

Revision: Since our university owns one of the best libraries in the country, it should start a library science program.

Try improving this sentence:

Many violations of this policy have been committed by these employees.

Show Answer

Sometimes fixing passive voice is trickier because the subject of the sentence is missing; it’s implied instead. To fix these, ask Who is doing the action of the sentence? Who is using the verb?

Original: The woman was questioned for two hours before being arrested.

Revision: Police questioned the woman for two hours before arresting her.

The first sentence would be okay if the writer wants to focus on the woman (we’ll discuss this more soon). Rephrase the following sentence on your own. It explains campus meal plans but hides the true subject. Can you find it?

The money to be used must be spent by the end of the semester or the remaining amount will be forfeited.

Show Answer

To review the passive voice, sample this snarky guy. If nothing else, he’ll shame you into using the active voice.
The passive voice is appropriate when the subject is unknown or less important than the object. Let’s say I’m a 1960s journalist reporting on the assassination of President John F. Kennedy. My first headline might say Three Gunshots Fired at JFK. It’s passive, but perhaps I don’t yet have the shooter’s name. Even if I did, the president is arguably more important. By the same principle, JFK Pronounced Dead would be better than Dr. Clark Pronounces JFK Dead.

In years past, studies have used this form of the passive voice to describe methods: Pairs of five-year-olds were observed. However, many style guides now permit and even encourage authors to refer to themselves as I or We: We observed pairs of five-year-olds or From the data I have concluded . . .

So for the most part, stay active! And don’t allow yourself to be weighed down by the clunky passive voice. (See what I did there?)

**False Starts**

A false start is the opposite of making a good first impression. The opening phrase of the sentence says nothing, creating what scholar Richard Lanham calls a slow wind-up. (He made a brilliant style video called *Revising Prose*. Perhaps your teacher would let you view it in class). One kind of false start is the “blah blah is that” opening (also Lanham’s term). Here’s a sample:

It is clear that only a huge tax increase will make the program feasible.

That snarky guy calls this saying you’re saying something.
The technical term for saying you're saying something is metadiscourse. You can use metadiscourse occasionally to draw special attention to your most important points, but that means a few times per paper, not per paragraph. These sentences are easy to revise—just chop off the beginning:

Only a huge tax increase will make the program feasible.

The other type of false start usually begins with the phrases It is, There is, or There are. Can you identify the subject and verb of this sentence?

There was a fight between Curtis and Miles at the basketball game last Saturday.

Many students guess the subject is Curtis and Miles and the verb is fight. That’s not correct, but it should be. The answer is actually There was. Wow—that’s about the least specific, least vivacious subject-verb combo possible. Some call these openers dummy subjects and verbs since they shunt the true subject and verb later in the sentence. To revise, pull the true subject and verb up:

Curtis and Miles fought at the basketball game last Saturday.

Now reword this sentence:

There are a lot of articles for the committee to read before the budget review.

As with the passive voice, sometimes the subject of a false start is missing. Who is doing the action in this sentence?
There has been a change in the graduation requirements for Exercise Science majors.

Well, the administration or department probably did the actual changing:

The department has changed the graduation requirements for Exercise Science majors.

If you wanted to emphasize the change itself, perhaps the original sentence is okay. If you wanted to emphasize the consequences for students, you could say this:

Exercise Science majors have new graduation requirements.

Infer a subject for this sentence and adjust it accordingly:

There can be considerable controversy about the appropriate amount of homework for middle schoolers.

I’m guessing we use false starts as a formula to get drafting. Don’t know how to start a sentence? *There is* is there for you. False starts are fine in a first draft, but be sure to clean them up for the final. If false starts are a habit for you, use the search function (Control + F) to locate instances of *There are, There was, There can, There would*, etc. Try this trick for finding any phrase you overuse. False start constructions can also begin a phrase, so don’t let them slip by in the middle of a sentence:

*Even if we finish manufacturing the product this month, there is a lot of testing to complete before we can release it.*

Watch this video to learn how to get rid of "There is"-type false starts:
You made it—you now have many tools to condense a sentence. I hope you’re not overwhelmed because, ironically, concision is the largest section in this chapter. I think that’s because it’s the most basic principle of style, and as I mentioned earlier, some of the strategies incidentally energize sentences (we could have discussed them in the vivacity section too) as they shorten them. While concise writing does conserve the reader’s time, more importantly, it conserves the reader’s energy. This is crucial in a long piece (such as a literature review) or a piece aimed at a general audience (such as a blog article). The more energy your sentences have, the less energy the reader depletes in processing them.

### 5.5 Coherence

The next strategy for creating clarity is coherence. Broadly speaking, coherent means logical. In writing, it usually means logically organized. The best order to put your writing in is the one your audience expects. For most genres, that’s an introduction that presents the main idea, supporting paragraphs that substantiate it, and a conclusion that reiterates it.

Most college students have mastered this macrostructure (I rarely ask students to move entire sections or paragraphs) but need practice with microstructure: ordering within a paragraph. Often students build their microstructures by ear—does it sound good? That’s an accurate principle, but remember it’s secondary: first clarity, then vivacity. Order your sentences by function instead. For academic papers, I use the acronym A BEAST to remember the elements my paragraph needs. After all, you want your paper to be a beast—tough to reckon with.
A BEAST

Argument
Background
Evidence
Analysis
Summary
Transition

**Argument**

A is for argument. Your previous teachers may have called this a topic sentence, but I prefer argument because your first sentence should do more than mention a subject—it should state what the paragraph will prove. Even in an informative (rather than persuasive) paper, you must give evidence that verifies the facts you want your readers to know.

The best argument sentences encapsulate the *entire* paragraph: remember—no slow wind-ups. Based on the argument sentence, a reader should know exactly what to expect from the paragraph. Let’s take a look at an opening sentence that *doesn’t* do that. What do you predict the next sentences will be about?

Every person on this planet is unique.

Hmm . . . I think the paragraph might be about DNA since that’s what makes us unique. Maybe the paragraph will encourage readers to identify and use their strengths. I hope the paragraph isn’t about self-esteem—by second grade I was tired of hearing about that. So what is this paragraph really about? In this case, the answer comes in the last sentence of the paragraph (six sentences later):

What if we implemented a literacy program that challenged children while they could still read books that interested them?

Oh, so the writer mentioned uniqueness to lead up to the idea of a more customized reading curriculum. I understand the intention now, but I want to understand from the beginning. In Western culture, we expect point-first writing: we want authors to disclose their objective upfront. So make sure your argument sentence doesn’t merely warm up to your point. Nail it. If you notice you’re a point-last writer, you can often find a later sentence that captures the whole paragraph better. For this example, I asked the student to make the last sentence the first and phrase it as a statement:

*I propose we implement a literacy program that challenges children yet allows them to read books that interest them.*

And the former first sentence isn't wasted effort—it may be usable elsewhere.

Some students are tempted to lead with background information or their best piece of evidence. This buries the argument in sentence three or four. Don’t do it—we can wait just a moment for background and we’ll process your information better if we understand why you’re telling it.
Background
After argument comes background: this is nonargumentative (or less argumentative) material that prepares the reader for your research. Sometimes the introduction provides sufficient background and you can move straight to E: evidence.

Evidence
Your reader is now ready to hear all the specific statistics, experiments, case studies, interviews, etc. you’ve gathered. The key word is specific. As a reader, I want to experience your research journey. I want to become as much of an expert as you are. Describing the methods behind your most important findings will convince me more than summarizing conclusion after conclusion. But we can’t let evidence do all the work—we need to add our own analysis.

Analysis
Analysis is your commentary on the evidence. You further explain how your research bolsters your argument. I find many students tend to favor one or the other—either evidence or analysis. The first group sticks closely to their articles, letting the scholars say everything. The second group prefers to skim over the studies in their own words, but this doesn’t permit the reader to experience the evidence firsthand. Balance evidence and analysis as much as you can. You can also alternate between evidence and analysis as many times as you need. That means a paragraph might actually look like this: ABEEAEEAST.

Summary
S is for summary—I wish it were P for Point, but that doesn’t spell anything. I say that because it’s much more important to echo your argument than rehash every bit of the paragraph. Often, the summary can state your point even more strongly and specifically than the argument sentence because your reader already has all the details.

Transition
The final element is T for transition. Although a single word is often sufficient (note final from the last sentence), I prefer conceptual transitions, meaning you show how the previous paragraph and the next relate. I could write this instead: Just as a summary sentence gives readers closure, a transition sentence primes them for the next.

Now you know the entire A BEAST model. My goal isn’t to lock you into a formula but to help you remember to order sentences by function first. For this exercise, identify the function of each sentence then reorder it accordingly. The computer has scrambled them randomly, but a first draft might look more like this:

Right now, BYU has two terms during the spring and summer months instead of one semester. I had a spring term course and I noticed that many students were absent, would nod off, or leave class early. It’s just too much all at once. Since students have to learn a semester of material in half the time, the classes are longer. The spring term and summer term should be combined into one summer semester. According to one study, the most productive people work for fifty minutes then take a break. A summer semester would optimize learning with manageable class periods of fifty to seventy-five minutes. People also don’t retain what they learn as well, as I will discuss later. Classes can last
three hours! Students can’t focus for that long.

People also don’t retain what they learn as well as I will discuss next.

Guideposts

Along with smart sequencing, guidepost words, which are transitional words anywhere in the paragraph, can help the reader know where you’re going. Perhaps you’ve gone hiking, wondered if you were still on the right trail, and a signpost reassured you that you were. We can use words like for example, however, and consequently to signal our intentions to the reader (Harrison, 2012). This is where brief metadiscourse is not only appropriate but very helpful. Try reading the following paragraphs. The first offers no guideposts:

Jazz bands began to split into two main categories: black and white. Black bands (bands made up entirely of African-Americans) were known as “big bands.” Solos were encouraged among all of the band members, not just the leader of the band. These bands played mostly for the poorer, lower class blacks of the era. These big bands began writing their own music. The music performed by jazz bands had been made up entirely of arrangements of the day’s popular music. Music was written specifically for a band (Harrison, 2012, pp. 166-167).

This revision gives us several trail marks (set in italics):

Jazz bands began to split into two main categories: black and white. Black bands (bands made up entirely of African-Americans) were known as “big bands” and were characterized by a number of things. First, solos were encouraged among all of the band members, not just the leader of the band. Second, these bands played mostly for the poorer, lower class blacks of the era. And third, these big bands began writing their own music. Up until this time, the music performed by jazz bands had been made up entirely of arrangements of the day’s popular music. It wasn’t until this time that music was written specifically for a band (Harrison, 2012, p. 167).

The first paragraph feels a bit fragmented—almost more like a list of facts than a paragraph. In the second, the writer’s expressions direct our attention. We mentally place the first pieces of information under characteristics. The next phrases tell us we’re moving into historical development. Like a GPS, signal phrases save readers energy and worry by alerting them to turns in advance.

Old to New Information

Another tactic for creating coherence is starting with information the reader is likely to know then moving to less commonly known information. This gives the reader a foundation to build on. For example, I’m guessing most of you have heard of The Wizard of Oz story. I bet many of you have also seen the film. Very few, though, would be familiar with the literacy criticism it’s prompted. Thus, my audience will feel most comfortable beginning with old information, like the characters, and then progressing to new information, like the story’s possible symbolism. Rewrite the following paragraph based on that principle:

The Wizard of Oz may be a political allegory, which many fans of this beloved book and film do not know. For example, the scarecrow represented farmers, who didn’t have a brain because farmers of the era weren’t looking after their political interests. Industry was represented by the tinman. The Industrial Revolution was making humanity heartless, so the tinman didn’t have one. Finally, the
drought in the western United States was embodied by the Wicked Witch, who could only be killed by water (Taylor, 2005).

Show Answer

As with concision, don’t worry about coherence as you’re drafting. Your first version need only be a brain dump. Write the way you played as a child. If I handed a group of adults an enormous box of Legos and asked them to make something, they would probably pick through the first layer of pieces, fretting about what to do first. A group of kids would turn that box upside down. They instinctively know it’s easier to sort the parts when they’re all on the table.

5.6 Cohesion

Some use coherence and cohesion interchangeably, but I see coherence as putting ideas in a logical order whereas cohesion is linking (or sticky—as in adhesive) ideas smoothly. For example, the following paragraph is completely cohesive yet completely incoherent:

On my fridge I keep a collection of magnets. Magnet rhymes with Dragnet. Dragnet, a true crime television series, took place in Los Angeles. Los Angeles is the second most populous city in the United States.

You can see how I moved from one idea to the next, but the paragraph says nothing significant (although I highly recommend Dragnet).

Sentence Linking

The best paragraphs are both coherent and cohesive. The following sentences are in a good order, but I think I can make the links between sentences more graceful. The writer introduces the problem with a story then advocates for change:

Original: Many ducks roam around my neighborhood. When they have new ducklings, I love to watch them. The mother leads the ducklings, and sometimes she walks over the storm drains. The ducklings fall right through the slats of the drain because their feet aren’t big enough though their mother’s are. Then residents or city personnel must get into the drain, catch the ducklings, and lift them out. We should put mesh nets over the storm drains so they don’t fall in.

The paragraph makes sense, but notice how it flows better when I make a phrase near the end of one sentence connect to a phrase early in the next sentence. The pairings are in red and blue:

Revision: Many ducks roam around my neighborhood. My neighbors and I enjoy watching them, especially when they have new ducklings. They are adorable as they waddle behind their mother so faithfully. But sometimes the mother walks over a storm drain and the ducklings fall right in! Their tiny feet just aren’t big enough to span the drain’s slats. These drains wouldn’t trap the ducklings if the city spread mesh nets over them. If we don’t, residents or city personnel must continue to get into the drains, catch the ducklings, and lift them out.

Now make this already-coherent paragraph more cohesive with sentence linking:

Salt Lake City should build a new theatre for two reasons. Broadway producers know the Salt Lake
area is a good market because we have many singers and dancers. Recent shows from New York will really attract this crowd. Furthermore, many seats at Capitol Theatre don’t have a decent view of the stage. In 1903, the principles of good sight lines weren’t as well known, which is when the theatre opened. However, the city hesitates to rebuild Capitol Theatre because it’s a historic structure.

Show Answer

Side note—these sentences came true. Salt Lake City built a new theatre, the Eccles, in 2016. Then Capitol Theatre will renovate its seating in 2019.

Subject Aligning

Another method of creating cohesion is subject aligning. This means keeping the main idea of the paragraph at the beginning of sentences as much as possible. This reworking of the duckling paragraph is also cohesive:

Many ducks roam around my neighborhood. They are fun to watch, especially when they have new ducklings. They are adorable as they waddle behind their mother so faithfully. But sometimes the ducklings follow their mother over a storm drain and fall right in! Their tiny feet just aren’t big enough to span the drain’s slats. The ducklings then have to be rescued by residents or city personnel who get into the drains, catch them, and lift them out. The poor creatures could be spared if the city spread mesh nets over the drains.

For the sake of example, I aligned the subject of every sentence, but that isn’t necessary. A little variation is refreshing and won’t disrupt the cohesion. I also had to use the passive voice in the last two sentences, which could be okay if I want to focus on the ducklings.

Try subject aligning this paragraph. Use the passive voice as little as possible.

Body image is usually decreased by viewing advertisements. When presented with ideals that are difficult or impossible to achieve and maintain, people become less secure. This spurs the growth of profits as consumers buy product after product to improve appearance. Over the last few decades, research has confirmed the harm ads wield over female body image. Whether this harm is equal on males, however, is a more recent question.

Show Answer

If cohesion seems nitpicky—you’re right. But in another sense it’s the crowning achievement of clear writing. If you take time to be cohesive, don’t be surprised if people ask you how you write so well. Your audience will be pleasantly surprised when reading your work feels as frictionless as ice skating. Sadly, we’re used to reading being as “frictionless” as say—wrestling an alligator. Level every obstacle for your reader. Use cohesion to lull them into a lovely rhythm.

Excellent work—you’re now equipped to make your sentences clearer. If you do, they’ll also become more interesting. In the next section you’ll acquire even more tools to animate your writing.

5.7 Vivacity

Permit me to have a hipster moment—I liked Harry Potter before it was cool. Nobody I knew was hep
to the series until the release of book four. Once at lunch a friend complained she didn’t like how the storyline was unfolding. I realized I almost didn’t care about the plot. I read because I loved simply being in J. K. Rowling’s magical world. Reading felt like living there. The characters felt alive to me. Even today, all I want to know is, will I go to Hogwarts when I die?

That’s the power of lifelike—or vivacious—writing (the Latin root viv means life as in revive or survive). Vivacious writing transforms reading from the Dementor-like torture of passing eyes over print to extract information to conversing with a real live human being (as pleasant as a bite of Professor Lupin's chocolate). The first requires great patience and gives little satisfaction in return. The second feels a lot like listening to a story.

Although your teachers won’t let you write a novel instead of your literature review, you can use the techniques of creative writing in any genre much more than you would expect. We will learn about two: voice and variety.

## 5.8 Voice

Voice refers to the writer’s attitude or personality. Some use voice to include choices like vocabulary, sentence length, and sentence structure although I feel those belong to the broader term style. However, style certainly influences voice: describing the babbling of a brook as mellifluous would establish an elevated, elegant tone. Using a fragment like “No way!” would create a playful, conversational voice.

The appropriate voice for a text depends on its genre and audience. For example, we expect a lot of voice in a poem and very little in a health history. This semester you’ll write for both academic and general audiences in assignments like the literature review and magazine spread. Both will have a similar goal, such as reducing television viewing for children under two, but the audience will determine the content you include.

In an academic paper, you might address a government agency, citing studies that prove frequent television viewing reduces the parent-child interaction necessary to build language skills. You might ask the government agency to make a brochure about child media guidelines for pediatricians to give to parents. In a magazine article, you might address parents directly with a bulleted list of activities they can enjoy with their children besides watching TV.

Regardless of the genre, two strategies, story framing and sentence-as-action, will help you enhance your voice.

### Story Framing

Humans think in stories. You know that when a presenter begins telling a story, your attention perks up. I definitely recommending using stories in your pieces for a general audience. Should we use stories in an academic paper? Possibly—some research includes interviews or case studies. Even if we don’t tell a story, we can frame anything as a story. The audience probably won’t know you’re doing this, but they will be more engaged.

Let’s start by framing this semester as a story. What do we need to tell a story? I give my creative writing students the acronym COOT to remember.
This Semester: Your Story

A story needs a character who has an objective, encounters obstacles, and uses tactics to overcome them. So who is our hero this semester? It’s you! Your objective for this class is probably to get a good grade. Your obstacles might be procrastination, wanting to spend more time with friends, or meeting family obligations. Your tactics might include setting a schedule, studying with friends, or video chatting with your little sister instead of driving the hour home. That’s not a bad story—most importantly, I hope you now think of yourself as a hero—but I think we can go bigger.

As an example, we’ll discuss the work of McCall Booth, the student who wrote the paper about reducing television viewing in children under two. McCall is a Human Development major. Let’s go bigger—McCall wants to help people (objective). She wants to overcome the obstacle of speech disorders so children can communicate well. McCall’s choosing to study this problem this semester because she wants to face the enemy—what prevents children from developing language? One answer is excessive television. Now McCall knows her nemesis. What tactics will she use to defeat it? McCall realizes parents have the power to direct their child’s behavior. She wants to write to them. But how will parents get the message? McCall may need another tactic. In her research, she learns that behavior interventions with medical professionals work best—people believe and follow the advice of their doctor. So McCall’s strategy is to get pediatricians to tell parents about media guidelines for children. McCall’s everyday school drudgery is now a story.

I hope you’ll frame your semester this way more than the first way. You are the hero of this project. You’re here to destroy your archenemy: a social problem. Your sidekicks are ready to help—your teacher, your review group, even the scholars whose material you cite. Your superpowers are your research, your persuasion, and your writing skills. What you write could help eradicate the problem. What you say could convince those in power to implement your recommendations. (Remember I promised to tell you about a scientist who did just that? She’s still coming.)

Research as a Story: Make a Movie for Your Readers

You can frame the problem you’re studying this semester the same way for your audience. When I was studying for a college entrance exam, my teacher told me, “Whenever you read, make a movie in your mind.” Watch how McCall makes a movie for her reader in the introduction of an article she geared to Parents magazine:

Alex sighs in frustration as he enters the living room. Toys scattered on the floor, books yanked from shelves, and his kids pay no mind to the chaos they’ve created. He needs to help cook dinner, but first he needs a way to distract the children from their havoc-wreaking. The instant Alex turns on the television the kids gravitate toward the bright screen, and he can work in peace. But he can’t stop the little voice in his head that asks when was the last time he played with his children rather than letting a screen babysit them.

Who is our hero now? Alex, or more broadly, parents. What is the objective? To help cook dinner—more generally, to accomplish tasks at home. What is the obstacle? The children are asking for attention too. What is the tactic? Television—it will absorb the children’s attention instead. McCall
then hints this tactic may have serious consequences. In the rest of the article she will explain these consequences and suggest better tactics.

Framing the social problem as a story accomplishes two things: first, the audience is more interested. Of course, McCall could have started the article this way: “Too much television delays language development.” That sounds like a sentence straight from her research paper, and we expect more pizzazz when we read a magazine. We pick up a magazine for a break, not a lecture. Second, she relates to her audience. In a magazine, her research paper sentence could sound like an accusation. Subtext: Why are you such a bad parent? You’re making your kid dumb. Never watch TV again! Instead, her story sympathizes with parents by showing she understands the stressful choices they face.

How could McCall frame the story for an academic paper? Her audience will be other experts who care about the problem, with scholars and speech pathologists as the primary audience. Educators and social workers could be a secondary audience. Inevitably, peers in the class and the teacher will “overhear” her paper. Others who can help fix the problem, like medical professionals and government employees, might be a tertiary audience. You should use your voice in an academic paper, but it will be subdued. The trick is to be spirited enough to interest your reader and not so spirited you lose your credibility (Harrison, 2012). Perhaps it’s like wearing your best suit to a job interview but throwing in a stylish necktie or necklace.

To sound professional, students often use abstract nouns as the subjects of their sentences. In McCall’s case those might be language development, interaction, speech delay, and screen media consumption. Unfortunately, when it comes to making a movie in the mind, inanimate concepts aren’t very lively actors. If you can make the subject of your sentence a person, do it. You won’t sound less professional, and the audience will pay attention and understand you better. McCall can use subjects like parents, children, speech pathologists, and pediatricians throughout her paper. Here is a sample introduction for an academic paper:

Speech pathologists and other professionals who work with children know the American Academy of Pediatrics recommends that children under two do not use screen media. In treating clients, many of us have probably seen a parent hand an underage child a smart phone or tablet while they wait for the older child’s appointment to finish. Should we say something? Yes. We know premature and excessive media consumption can contribute to many problems, including language delay. Since parents need to hear this message early and regularly, I advise speech pathologists to partner with pediatricians, who meet with a family about nine times during a child’s pre-toddler years.

This paragraph features action, not concepts, by using story framing: We have characters (speech pathologists) who have an objective (sharing media guidelines to avoid language delay). To overcome the obstacle (usually treating children already two years old) they develop a tactic (teaming with pediatricians).

**Show Your Hero Succeeding**

Especially in texts for a general audience, be sure to finish the story. You’ve painted a “before” picture that illustrates the problem. Now paint an “after” picture that shows the benefits of implementing the solution. Show your hero (the audience) succeeding. This could be McCall’s conclusion of her magazine spread:

When Alex enters the living room tonight, things are much the same: toys scattered on the floor,
books yanked from shelves, and his kids pay no mind to the chaos they’ve created. He needs to help
cook dinner, but now television isn’t his first strategy for engaging the children. Instead, he scoops
up an armful of play food among the toys and leads his children to the kitchen. He puts a pot on the
floor for his three-year-old, hands her some play food, and asks her to cook something. He sends his
five-year-old son to get salt from the pantry. He knows chatting about cooking (real or pretend) with
his children contributes much more to their development than watching television, and he feels good
about spending time with them.

Here’s a prewriting exercise to experiment with story framing on your own:

Think about the next assignment you will write for this class. How can you use story framing to make
the piece more interesting? Either jot down some plans here or try writing the introduction itself.

Story framing is Mary Poppins’s spoonful of sugar that helps the medicine go down. After all, many of
us can breeze through fifty pages of a novel in the time it takes to decode five pages of a research
article. Well here’s the irony: a spoonful of sugar was only in the film, not the book. See—those
filmmakers know what they’re doing. Make a movie for your reader.

**Sentence as Action**

Sometimes I’ve asked myself, *Can I shortcut all this revision by writing a solid sentence in the first
place?* I think the answer is yes and no. No, we rarely write a sentence the best way the first way.
And yes, a few tricks can help us know if we’re on the right track during drafting. First, we need to
shift the way we think about a sentence. When you were younger, you probably learned that a
sentence is a complete thought. As a college student, you likely read many sentences that are
overloaded units of information. I define a sentence as a unit of action: A subject verbed an object.
Something happened—that’s a story. And remember, we can frame anything as a story.

From the sentence-as-action paradigm, I’ve created a formula for a good sentence. I hesitate to say
*formula*—writing is a fascinating blend of art and science and thus never formulaic—but I hope it can
be a handy yardstick on the go. For contrast, let’s look at the bad formula first. I’ve included pictures
so you can see what a bad sentence feels like.

**Bad Sentence Formula**
Here's a bad formula sentence to muck through. Can you tell what it means? Hint: It's the plot of a well-known movie. I've formatted it as a "question" below, just so you can click the answer when you're ready.

A difference of opinion was undertaken by two opposing parties in which the surprising fact of one party's paternity was revealed by the other party.

Show Answer

Naturally, the opposite is the good sentence formula:
**Good Sentence Formula**

Concrete subject (human if possible) + forceful verb + the result (what happened when the subject verbed the object?).

Take this bad formula sentence about McCall's topic and give it a concrete subject and a forceful verb.

A meeting should take place in which media guidelines are gone over at pediatric offices so harmful exposure does not occur.

*Show Answer*

A thesaurus is your best friend when it comes to pinpointing the powerful verb you need. I used one myself to write that last sentence—instead of *pinpointing* I had *finding*. This is a perfect case to illustrate what a thesaurus can do: often our working memory can't promptly retrieve all the vocabulary we know. Searching for the right synonym can trigger that "on the tip of the tongue" feeling. A thesaurus can bring the ideal word to mind much more quickly. Many word processors have a built-in thesaurus—try right-clicking the word.

A final tip—only use words you already know from the thesaurus. Choosing a scholarly-sounding word you have only a vague notion of can be tempting, but it may not fit your context or have connotations you didn't anticipate. Now that you have the framework for a compelling sentence, let's look at some troubleshooting.

**Smoothing Sentences with Parallelism**

In oral presentations, we worry about stumbling over our words. In writing we can't literally stutter, but sentences sometimes sound awkward. The culprit is often problems with parallelism. The following sentence is not parallel:

Kara's hobbies include reading, sewing, and dance.

Maybe your ear gagged on that last bit. Why not say *dancing* so it matches the others? Parallelism means keeping equal parts of a sentence in the same form: for example, all verbs or all nouns—not a mix.

Fix the parallelism mistake in this sentence:

Our college helps students land careers in computer programming, software development, service technicians, and IT managers.

*Show Answer*

Parallelism also means making sure the first part of the sentence tallies with the last. Look at this sentence:

The English teacher said Alicia needed to improve her grammar and coming to class late.

The verb *improve* has two nouns phrases attached to it: *grammar* and *coming to class late*. Let's separate the parts of the sentence to check if each works on its own:
The English teacher said Alicia needed to improve her grammar.

Okay, that sounds normal. What about the second part?

The English teacher said Alicia needed to improve her coming to class late.

That sounds funny. We can fix it by using a different noun phrase that gels better with improve:

The English teacher said Alicia needed to improve her grammar and punctuality.

Or we could add a verb that fits with class:

The English teacher said Alicia needed to improve her grammar and come to class on time.

Make the following sentence parallel:

Crooning saxophones and trumpets that blare can be heard at Jake's Jazz Joint, which also sells sheet music and tuning.

Show Answer

The best way to find clumsy sentences is to read your paper out loud. That probably sounds like nerdy overachieving. Do it anyway. If it sounds good reading aloud, it will sound good to the reader.

A vibrant voice pops the topic right off the page. Help your readers visualize your research journey by framing it as a story and packing your sentences with action.

5.9 Variety

Just as we can spice up our writing with voice, we can use the spice of life—variety. This section will specifically discuss sentence length and sentence structure.

Varying Sentence Length

I hope my readers are pretty conscious when I’m with them, so I vary the pace by varying sentence length. For the most part, our sentences are too long and too similar (Lanham, 1981). How can you determine a good length? Sometimes content influences the pace: I may use some staccato sentences for my hard-hitting statistics, then stroll leisurely through a touching story. Here are other factors to consider:

Short sentences (1-10 words) keep the reader’s attention and are easy to understand. However, they may sound choppy or immature if overused. Long sentences (20-30 words) have plenty of room to show connections between ideas, but they risk boring or confusing the reader. Medium sentences (10-20 words) combine the benefits of both: they’re short enough to be readable but long enough to develop ideas. And we’ve already discussed the drawback of too many medium sentences—highway
hypnosis.

Every sentence in the following paragraph is of medium length (13–16 words). Revise for more variety. Be as creative as you wish (keep the meaning but change anything else):

Good writers and good boxers are alike because they try to vary their moves. A boxer who always gave two quick jabs then one uppercut would be laughed at. The opponent would probably win the fight because the rhythm is too predictable. Writers try to create sentences of different lengths so they keep the attention of their audience.

Show Answer

One way to control length is to coordinate (combine) sentences well. First we must learn to combine them logically, then we can learn to switch up our habitual sentence patterns. (In case we have any editing minors in the house, some examples will technically subordinate rather than coordinate, but for simplicity’s sake I’m putting both under the category sentence combining.)

Combining Sentences Logically

Often, writers don’t combine sentences with much variety. And becomes the default coordinating word. Writers merge many short sentences with and for no reason except to get that medium length the ear likes. Remember—not every sentence needs to be round; use many lengths so the paper feels on average round.

Here are two strategies for coordinating sentences better. First, coordinate only when you need to. Don’t combine sentences unless they have a direct relationship. Second, use a coordinator more specific than and if possible. The following sentence uses illogical coordination:

Every Christmas I open a new pair of pajamas, and my grandpa’s birthday is the next day.

The relationship between the parts is tenuous (Which are we going to talk about—pajamas or Grandpa?) so the writing sounds juvenile—more like impromptu speech. These ideas belong in separate sentences, possibly separate paragraphs. When you write, if you determine the ideas do belong in the same sentence, then make sure you’re using a suitable coordinator.

A good coordinator accurately defines the relationship between the two parts. The relationship may be contrast (but, although), cause and effect (because, consequently), or order (after, third). Notice how these sentences sound more logical with proper coordination:

Original: Cassie stayed up late to study the night before the test, and Colin gave his brain plenty of sleep.
Revision: Cassie stayed up late to study the night before the test, but Colin gave his brain plenty of sleep.

Original: She brought a toy to school, and her parents had to talk to the teacher.
Revision: Because she brought a toy to school, her parents had to talk to the teacher.

Original: To make macaroni and cheese, boil and drain the noodles and add butter, sauce, and milk.
Revision: To make macaroni and cheese, first boil the noodles. When they are tender, drain the water. Finally, add butter, sauce, and milk.
Improve this paragraph with more appropriate coordination. Be sure to separate sentence parts that don't have a direct relationship.

My family has many Christmas Eve traditions. We watch a movie and we usually disagree about it. My brother Reid likes comedies like Elf, and my brother Ryker prefers classics like It’s a Wonderful Life. We also make treats. Caramel popcorn is our favorite, and we play card games. We eat the popcorn and the cards get sticky.

Show Answer

Now that you know how to fix faulty coordination, let’s try combining sentences in more interesting ways.

**Combining Sentences Creatively**

We tend to default to the most common English sentence structure: subject, verb, object. And that’s okay—we want plenty of those because the reader expects them and understands them easily. Writers also have their unique sentence pattern habits. For example, I love introductory phrases—and I can’t resist finishing with a dashy punch (or parenthetical phrase). You should embrace your quirks too, but how do we expand our stylistic repertoire?

Research has proven that practicing combining sentences and imitating the way master writers do so reliably improves your writing style (Graham & Perin, 2007). BYU professors Brian Jackson and Jon Ostenson created [Style Academy](https://www.styleacademy.com), which is packed with sentence combining and sentence imitating exercises. Let’s sample one of each. Below are two videos and two exercises. In the videos, Professor Jackson will do one example with you then give you one to do on your own. Be sure to pause the video when indicated so you can write your paragraph, which will be the answer to the accompanying question.
1.1 This happened in the late 1990s. 1.2 I could no longer see my feet. 1.3 I made an appointment with a Paris eye doctor. 1.4 The doctor ran some tests. 1.5 The doctor sent me off to buy some glasses.

2.1 I'd like to blame my choice of frames on the fact that I couldn't see them clearly.

3.1 I'd like to say they were forced upon me. 3.2 Neither excuse is true.

4.1 I made the selection of my own free will. 4.2 I chose them because I thought they made me look smart. 4.3 I chose them because I thought they made me look international.

5.1 The frames were made of dark plastic. 5.2 The frames had rectangular lenses. 5.3 The lenses were not much larger than my eyes.

6.1 There was something vaguely familiar about them. 6.2 I could not put my finger on what was vaguely familiar about them.

7.1 I spent a great deal of time in front of the mirror. 7.2 This was after I picked them up. 7.3 I pretended to share intelligent comments regarding the state of Europe.

Show Answer

If you need content for your sentence, consider writing about your research.

Option 1: Sometimes, according to Edwin Teale, a gall gnat larva, which does not resemble the adult in the least, and which has certainly not mated, nevertheless produces within its body eggs, live eggs, which then hatch within its soft tissue.
Option 2: There is nothing better that students can take home over summer vacation than a sense that what they have learned the previous year has meant they were able, with the help of lots of other people, including that alienated girl with the green hair and that kid who counts on his fingers, and lots and lots of people beyond the walls of the school, to make something important happen, to meet a challenge.

Show Answer

Have you ever noticed how rearranging the furniture can make a room feel completely new? The same goes for sentences, but sometimes we don’t rearrange them because revision, like furniture, can be heavy. With practice though, the task becomes lighter—maybe more like rearranging flowers.

5.10 Mechanics

As a side note before we conclude, things like spelling, grammar, and punctuation (I’ll lump them under the term mechanics) are also components of style. Mechanics are the lowest level concern, but that doesn’t mean you should neglect them. I know they can be annoying—some rules of English make sense; many don’t. But anytime we make an error, the reader’s attention may be drawn away from the message and dwell on the mistake.

As a comparison, imagine you attend a Hollywood party where celebrities are wearing couture like Aramani tuxedos and Dior gowns. You’re very impressed with your conversation partner’s ensemble—and then you notice a zipper that’s not quite, well, zipped. It’s hard to ignore. Even though the outfit comes from one of the most prestigious designers on the planet, something’s just a little off, a little embarrassing. Don’t let that happen to your paper.

Here are two tips for proofreading. First, read the paper aloud. The brain often autocorrects typos when reading silently. You’ll also be more accurate if you use a hard copy. Second, read the paper backwards—not directly backwards, but read the last sentence first, then the next to last sentence, etc. Reading forward, the mind concentrates on the text’s overall meaning and may overlook technicalities like mechanics. As a teacher I really appreciate (and reward!) papers that contain few to no errors, especially in citation. Usually this means the student has managed time well to refine the paper so thoroughly.

5.11 Help Them Hear You

Let’s get back to where we started: not boring. Does a 350-page book about pesticides sound not boring to you? Me neither, but that book, Silent Spring, has sold more than six million copies in the United States alone since 1962 (Palacio, 2012).

The video below tells the story of the author, or if you prefer the short version, I’ll list out her story frame too:
Character: Rachel Carson, marine biologist.
Objective: Establish the responsible use of pesticides.
Obstacle: The public doesn’t know how dangerous pesticides can be. Many only know the pesticide DDT saved millions of lives during World War II by eradicating malaria-carrying mosquitoes. Apparently, pesticides are the greatest liquid since H$_2$O (hardly an exaggeration—see 4:56).
Tactic: Inform the public by writing a book.

Of course, many books don’t succeed. What made _Silent Spring_ different? First, Rachel Carson had the goods. Her book’s reference list was fifty pages long (and you thought your bibliography was a pain). One pesticide manufacturer feared Carson’s research so much it threatened to sue the _New Yorker_ (which published _Silent Spring_ serially) for libel unless the final installment of the book was cancelled. The magazine’s legal counsel replied, “Everything in those articles has been checked and is true. Go ahead and sue” (Sherman, 2001, p. 53). Do you have that kind of confidence in the quality and quantity of your research? I know it’s a high standard for a college paper, but it’s a standard that can mobilize the public to solve a problem.

Carson’s second success secret was style, of course. She could have started her book with this sentence: _Pesticides are chemicals that kill or repel unwanted organisms_. But she didn’t. In fact, I bet you can guess how she did start it. Read the next paragraph to check your answer:

There was once a town in the heart of America where all life seemed to live in harmony with its surroundings. The town lay in the midst of a checkerboard of prosperous farms, with fields of grain and hillsides of orchards where, in spring, white clouds of bloom drifted above the green fields. In autumn, oak and maple and birch set up a blaze of color that flamed and flickered across a backdrop of pines. Then foxes barked in the hills and deer silently crossed the fields, half hidden in the mists of the fall mornings (1).
Yes, she started with a story—woven with gorgeous language, as I’m sure you noticed. The first chapter is even called “A Fable for Tomorrow.” Carson goes on to describe how the town changes: suddenly livestock die off, crops won’t grow, and even humans fall ill. She explains that while this town is fictional, each individual disaster has actually occurred in a community.

While subsequent chapters slide from this literary style to a more general style peppered with academia, the wording stays sharp. Plus, the stories—true ones—stick around (you can read one at the New Yorker). Carson knew case studies not only hook the reader, they evidence an argument: come for the story; stay for the social change.

Silent Spring’s style enchanted me so much, by the time I finished the book, Carson had me easily remembering that endrin is more toxic than dieldrin, that the recommended application of DDT is one pound per acre, and that 100 parts per million of DDD in body tissue is enough to kill birds and fish. And I was a teenage English major.

In response to Silent Spring, John F. Kennedy assigned the Presidential Science Advisory Committee to conduct its own studies on pesticides (Michaels, 2003). Twelve of the pesticides Carson deemed most harmful were either more carefully regulated or completely outlawed (“The Powerboat and the Planet,” 1999). Many people credit her as the catalyst of the modern environmental movement.

Like Rachel Carson, you as a social scientist have knowledge that would alleviate many of the world’s ills. Make us hear you. Well, I guess we can’t make people listen, but a strong style can make it easier—even fun. Even pesticides.

5.12 References


