

Lesson of Monday December 3, 2018

First Week, Day One

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English

Parts of Speech

Nouns

Nouns are things. Nouns can be classified as: **Noun, Proper Noun, Pronoun.**

Nouns are just name a thing like **desk, door, floor.** Proper Nouns name a specific person or thing.

Examples of Proper Nouns: **Tom, Jane, Lynn**-They are proper nouns because they list a specific person.

- Adjectives describe nouns.
- Verbs are action words.
- Adverbs describe verbs.

Prepositions, Conjunctions, and Interjections

Prepositions

Prepositions link nouns to other words.

Examples of prepositions are: **to, or, in, with.**

Conjunctions

Conjunctions are words that link words, phrases, and clauses. They are also used sometimes to link two sentences together to make one sentence.

Examples of conjunctions are: **for, and, nor, but, or, yet, so.**

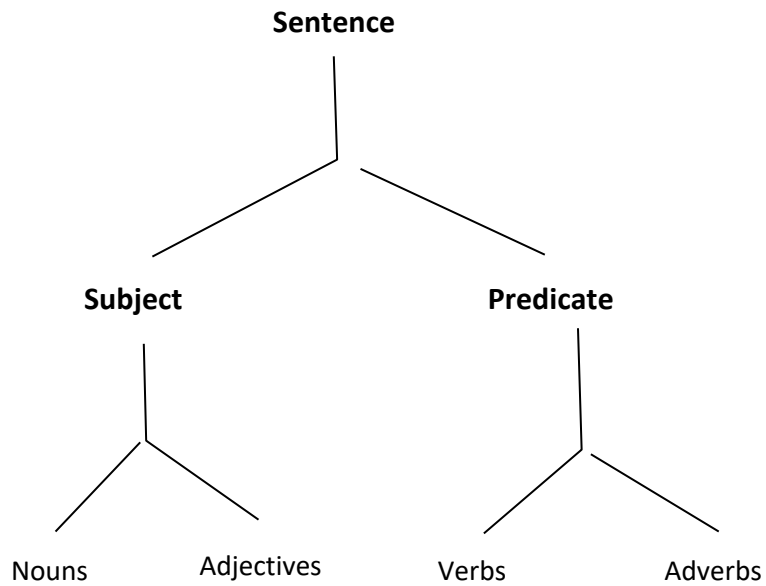
Interjections

Interjections are words that are not necessary to the meaning of a sentence but express the emotion of the writer. They can stand alone or be part of a sentence.

Examples of interjections are: **Ouch! Okay. Hey. Oh.**

Sentences

Sentences are built like this:



Handwriting

Practice handwriting so you can get faster.

Math

Fractions

A fraction is one number over the other like this:

Numbering	Fraction	Equal to
$\frac{12}{5}$	$\frac{\text{is the numerator}}{\text{is the denominator}}$	Larger to one
$\frac{16}{8}$	$\frac{\text{is the numerator}}{\text{is the denominator}}$	Equal to Two

Notice that if the numerator is larger the fraction is greater than (>) 1. Some fractions may be reduced as the one above has been.

New Mathematical Symbols

- \leq means less than as in $2 < 4$
- \geq means greater than as in $4 > 2$
- \times sometimes used to indicate multiplication instead of x
- $/$ division
- \div division
- $()$ grouping symbols
- $[]$ grouping symbols
- $\{\}$ indicating a set of numbers or things
- π pi equals approximately 3.14159265... which is an unending number and is the circumference of a circle of 1 unit
- ∞ infinity
- \neq not equal to
- \leq less than or equal to
- \geq greater than or equal to
- $\sqrt{\quad}$ square root
- $\overline{)}$ long division sign

Multiplication Tables

Study the multiplication tables and addition tables on the dining room table.

Reading Comprehension

Read the following story guess the theme of the story.

Passages

Out There

- Text source is from the Nervousbreakdown.com.

People burn cars out there. My father took us out there when I was 11 and we burned Granny's car, him shaking the lighter fluid over the hood and up against the sides like he was seasoning it, then he let me and Lily toss the lighter through the passenger window but we had to promise to run as soon as it left our hands. Less you want me to roll you in hot sauce and eat you like a crispy wing, you'll run your little asses fast as you can. We kept our promise and felt the fire at our backs but didn't get to see it start, when we turned around it was going like it'd been alive forever.

Later Lily asked me did I see the fire reflected in Pop's glasses; did I see how it looked like millions of goldfish swimming up the lenses. You were watching the wrong fire, I told her. I beg to differ, she said. She'd heard this somewhere and had figured out a way to use it, I could tell by the smug way of her mouth and how she was exhaling through her nostrils.

Another thing to know about out there is there's a pack of wild dogs that claim it as their home. The story is that a farmer loaded up his sheepdog and her puppies one day, drove out there and pushed them out of the truck because he couldn't bear to drown them but he couldn't afford to feed them either. People hear that story and get disgusted but some of these same people have driven the family dog out there and set it free to join the pack, Pop did that to Jinx but said it was good news, Jinx was with her own, was back roaming the desert sands the way God intended, and all I could think was how Jinx didn't have that many teeth, who would soak her food in water so she could get it down? I've never seen the dogs but if you're out there burning a car or anything else at night you can hear them barking in that wounded way, a whole choir of them sounding like they're being kicked or shot with BB's.

The point is Pop knew both of these things. A place where people come to burn cars, a place where abandoned dogs eat sand or each other, these are not comforting facts. But that did not matter to Pop. What mattered was tradition, albeit a tradition starting with me and Lily. This is your legacy, he shouted at us from inside the car. Your rite of passage. If you make it you will be men. If you don't, I'll lickety-split a prayer for each of you come Sunday. Then he peeled out, left us coughing in his dust. Lily said, don't he know we're girls? How are we supposed to become men then?

It didn't take long for Lily to start crying. Some book she read described how an orange sun is the deadliest, how letting its rays coat your skin is akin to taking a lye shower, how the orange was from God's bloody iris, when I asked her if that meant the sun was God's eye and if so was he a Cyclops she slapped her own face, said she had itches under the skin, it was the orange rays coming for her. She took off running. I let her. In the flat desert I knew I could see her for miles.

Then I learned a third thing about out there. I was watching Lily run, her arms up to shield her, looking like a shimmering exaltation not a hundred feet in front of me. I looked down at something itching my calf and when I looked up Lily was gone. Wasn't even a dust cloud in her wake. That's the third thing. The desert is a warp master. Lily warped or I warped but either way the desert opened up its coat flap to take something in and when the coat flap closed again, I was alone. I knew it wasn't any use but you have to go through the motions when something shocking happens. I called Lily's name. I spun around in place. I followed her footsteps but they petered out and I wondered if I was back where I started. I screamed for her till the sun came down, then I sat in the sand and watched the unlikely colors in the sky, the purple and the silver and the green and the white line of the horizon which was the last to go.

The dark out there was a navy quilt sewn with pearl buttons. There was part of a moon wedged in the sky that gave off a dull glow. The dogs started around then, yelping and whining and getting closer and closer. I brought my knees up to my chest and concentrated on my shoes because I could see them, they were a fact, they were indisputable, I remembered putting them on in the morning, I remembered retying the laces after school, how

they were black in their creases from when I jumped into the lake wearing them months before. A furry thing knocked against my back, knocked again, it was terrible in its boniness, it rubbed against me like a cat, a tongue swiped my arm, paws clawed at my legs, they were crying like they were trying to hold it in but couldn't. They smelled like mothballs and corn chips and old blood.

Pop always talked about mirages, how they happen outside of the desert all the time, like television, like the produce aisle, like any woman in a wet swimming suit. What I noticed first was the black flickering, I wondered how I could see black flicker in all that dark, then my eyes saw the rest of it, saw the orange flames which formed the black flicker, saw them shooting up, undulating tall, saw the fire, saw the fire, saw the fire, and I ran to it.

The desert is a good lesson in life. It proves that what you want most will most likely stay out of reach. That fire was mine, was my love, was the breath in my lungs. I heard the dogs behind me singing their brutal chorus, I knew they remembered what it was to beg, that fire moving fast toward the end of the earth.

But out there is different from your typical desert. Because it was Pop burning up our car, drinking from a milk jug, Lily sleeping in the sand like a punished doll, and by the time I reached them the dogs were gone, weren't making a peep. That Jinx you were running from, Pop asked, laughing wide. His glasses got the worst of the black flicker and I decided not to look at him directly, possibly forever more. When Lily woke up, we thumbed it home.

Themes

What is the theme of the story?

- a. Burning cars are fun to watch.
- b. The desert can be a dangerous place.
- c. Lily is a girl's name.
- d. Everyone should burn their car.

Social Studies

Geography

Evidence of Evolution

Not all organisms become fossils. This creates gaps in the fossil record that make it difficult to rely solely on fossils to determine Earth's living history. Scientists study other types of data for evidence of evolution. For example, similar structures or molecules in organisms can indicate evolutionary relationships among organisms. **Homology** is the term for similar characteristics of related organisms. The strongest evidence of shared ancestry is homology in genetic molecules, such as DNA and RNA. The greater the difference in DNA sequences of any two organisms, the longer these organisms have been moving down separate evolutionary paths. The greater the matching of sequences in organisms, the more closely related the organisms are.

History

World War II

The European and Pacific Theater

- Source is from [Polytechnic School \(Archive\)](#).

Event/Battle	Date	Location	Significance
Italy surrenders	September 1943	Italy	Although Italian troops quit fighting Allies, Germans continue in fierce fighting. Rome finally surrenders on June 4, 1944.
D-Day Invasion	June 6, 1944	Normandy coast of France	Allies use 4600 ships to invade German-held France. Suffering heavy casualties, the Allies were able to retake Paris in August.
Battle of Leyte Gulf	October 1944	Pacific east of Philippines	60 Japanese ships in largest naval battle in history.
Battle of the Bulge	December 1944	French-German-Belgian border	German counteroffensive almost succeeds in retaking Belgium but is crushed with Allied reinforcements.
Tokyo Bombing Raids	March 1945	Tokyo, Japan	American bombers destroy 250,000 buildings and kill 83,000 in massive fire-bombing.
Russians take Berlin	April 1945	Berlin, Germany	Russians take German capital after house-to-house fighting. Hitler commits suicide.
V-E Day	May 7, 1945	Europe	German government issues unconditional surrender to Allied forces.
Okinawa	April to June 1945	Southern tip of Japan	Fighting from caves and bunkers, Japanese inflict 80,000 losses on Americans. Over 30 American ships are sunk by Japanese suicide missions.
Gen. MacArthur retakes Philippines	July 1945	Philippine Islands	After Manila's fall to Americans in May, Japanese surrender here after inflicting 60,000 American casualties.
Hiroshima	August 6, 1945	Japan	180,000 killed, wounded, or missing after atomic bomb is dropped. Two days later Soviet Union enters war against Japan.
Nagasaki	August 9, 1945	Japan	Second bomb is dropped after Japanese delay surrender. 80,000 killed or missing.
V-J Day	September 2, 1945	Tokyo Bay	Japan surrenders with one term: the emperor must retain his throne.

Details by actual events.

Credits

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Software

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