

Lesson of Tuesday, December 4, 2018

First Week, Day Two

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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.**

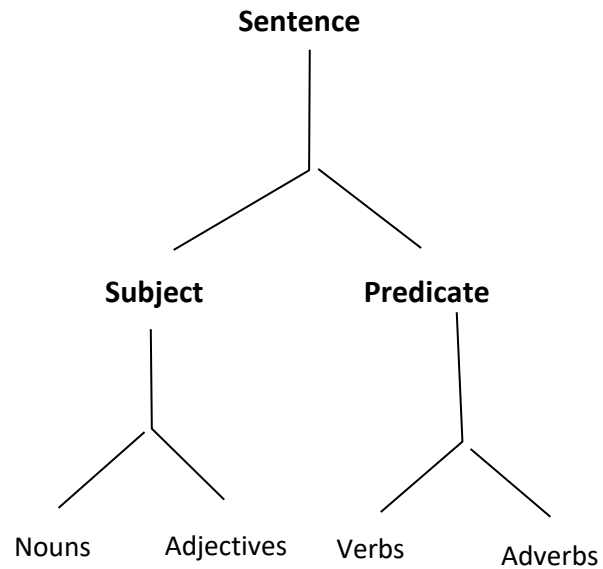
Interjections

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.**

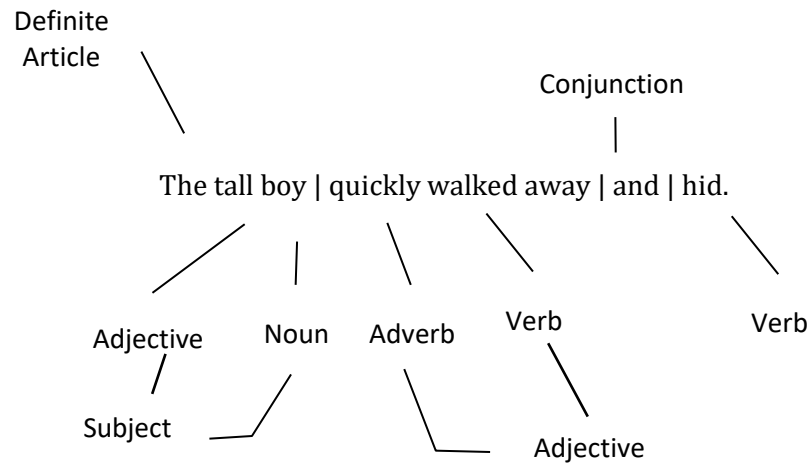
Sentences

Sentences are built like this:



Example

Example sentence:



Handwriting

Practice handwriting so you can get faster.

Math

Fractions

A fraction is one number over the other like this:

Numbering	Fraction	Equal to
$\frac{13}{6}$	$\frac{\text{is the numerator}}{\text{is the denominator}}$	Larger to one
$\frac{8}{8}$	$\frac{\text{is the numerator}}{\text{is the denominator}}$	Equal to One

Notice that if the numerator is larger the fraction is greater than (>) 1. If the numerator = the denominator the fraction = 1.

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

The Robot Exclusion Protocol

By Paul Ford (2002)

A story about the Google of the future.

- Text source is from Ftrain.com.

I took off my clothes and stepped into the shower to find another one sitting near the drain. It was about 2 feet tall and made of metal, with bright camera-lens eyes and a few dozen gripping arms. Worse than the Jehovah's Witnesses.

"Hi! I'm from Google. I'm a Googlebot! I will not kill you."

"I know what you are."

"I'm indexing your apartment."

"I don't want you here. Who let you in?"

"I am Google! I find many good things. I find that pair of underwear with the little dice printed all over them. And I watch the tape of you with the life-sized Stallman puppet. These are good unique things. Many keywords and links! My masters will say 'much good job, little robot!' Many searchers will find happy links of Stallman puppet see you! Ahhhh."

"I put the robot exclusion protocol on my door. Didn't you see it?"

"You understand Google, person? I index many things and if I am very good, I get to go to Bot Park and have more processors. And an oil job! Thank you, Google! Must come inside apartment and index. Must!" His video eye winked up at me.

"I know my rights. I'm giving you 10 seconds to leave."

"Yes. I will leave. First, I index everything. Everything! I am Google!" It put out one of its video arms and began to read the label on my shampoo bottle. So, I beat it into shards with a folding chair and let it index the dustbin.



Hello! I am Googlebot!
I will not kill you!
Image courtesy Rebecca Dravos.

Themes

What best describes the theme of the above story?

- a. Google is a good search engine.
- b. Google is a bad search engine.
- c. People should use duck-duck-go.
- d. Google goes into places it should not go.
- e. None of the above.

Social Studies

Science

Natural Selection and Adaptation

You know what evolution is, but how does it happen? Several mechanisms can cause evolution. One of the most famous and important mechanisms of evolution is natural selection. **Natural selection** is a process whereby organisms with favorable traits in a specific environment breed and survive more successfully than organisms without these traits. As a result, organisms with these favorable traits become more prevalent in the population over time. Natural selection is responsible for the diversity not only within species, but among species.

History

The Years After World War II

- Source is at [English Wikipedia](#).

The **Aftermath of World War II** was the beginning of an era defined by the decline of all European colonial empires and the simultaneous rise of two superpowers: The Soviet Union (USSR) and the United States (USA). Allies during World War II, the USA and the USSR became competitors on the world stage and engaged in the Cold War, so called because it never resulted in overt, declared hot war between the two powers but was instead characterized by espionage, political subversion and proxy wars. Western Europe and Japan were rebuilt through the American Marshall Plan whereas Central and Eastern Europe fell under the Soviet sphere of influence and eventually behind an "Iron Curtain". Europe was divided into a US-led Western Bloc and a Soviet-led Eastern Bloc. Internationally, alliances with the two blocs gradually shifted, with some nations trying to stay out of the Cold War through the Non-Aligned Movement. The Cold War also saw a nuclear arms race between the two superpowers; part of the reason that the Cold War never became a "hot" war was that the Soviet Union and the United States had nuclear deterrents against each other, leading to a mutually assured destruction standoff.

As a consequence of the war, the Allies created the United Nations, an organization for international cooperation and diplomacy, similar to the League of Nations. Members of the United Nations agreed to outlaw wars of aggression in an attempt to avoid a third world war. The devastated great powers of Western Europe formed the European Coal and Steel Community, which later evolved into the European Economic Community and ultimately into the current European Union. This effort primarily began as an attempt to avoid another war between Germany and France by economic cooperation and integration, and a common market for important natural resources.

Credits

- This lesson was originally made with LibreOffice Writer by John M. Harpster.
- Formatted with Notepad++ for space removal.
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