

Online Learning Lessons for 6th Grade

Directions: Please complete the following work below for each subject. This work will count toward your final grade and must be complete to get credit for attendance.

Student Name _____ FOR **4/23/2020**

ELA

Digital: Watch the TedEd video on how new words are brought into the English language, then complete the Google Form assignment.

Physical: Read the article 'What is Language?' and complete the related worksheet.

Parent Initials: _____

Math

All Math Classes: Watch the video lesson online or view the notes page on Independent Vs. Dependent Variables. Then complete the Khan Academy Assignment: Independent Vs. Dependent Variables. (Paper copy attached.)

Parent Initials: _____

Science

None

Parent Initials: _____

History/Social Studies

Current Events: Watch CNN10 and complete the document in Google Classroom.

If you are doing paper, complete the sheet using local news from television, or newspaper.) Skip the 10 second trivia question.

Parent Initials: _____

Parent Signature: _____

If you have questions, please email your teacher.

Thank you!

Ms. Cook jcook@mcusd1.net

Ms. Couch scouch@mcusd1.net

Mr. Drenth rdrenth@mcusd1.net

Ms. McDermott smcdermott@mcusd1.net

Teacher Hours:
9:00 am - 11:30 am
12:30 pm - 2:30 pm

CNN10

Create a title for 2 of the news stories.

1. _____

2. _____

Where did one of the stories take place?

:10 second trivia answer of the day

Reflection: What is your opinion on one of today's top stories? (thoughts, feelings, comments)
[3+ sentences]

April 23rd, 2020

Today, you will be taking a look at different languages, how they develop, and how they add new words into their lexicon. Please watch the TedEd video linked on Google Classroom, then complete the TedEd Google Form. Please make sure to read each question carefully.

If you choose to do the physical work instead, you will be reading 'What is Language?' (a short article about different languages, what makes a language, and how new words can come into being) and answering the questions on the related worksheet.

Note: You will only do *ONE* of these assignments. Digital is the TedEd 'New Words' video and worksheet, Physical is the 'What is Language' article and worksheet. If you have any questions, please email me.

April 24th, 2020

For your assignment today, I want you to write a letter to yourself in the future. Make sure that you address the letter properly. I have attached an example of how informal letters (letters that are written for personal communication as opposed to business) should be written and formatted. Think of what you might find interesting to ask yourself once you are older or try to write down the things you are interested in now. It can be interesting to see what was popular or what you liked music/show-wise at the time. For people my age (for example), it's very weird to look at some of the TV shows that we used to love and realize, "Wait, that existed?". Or look back on how we believed technology was incredible at the time, not realizing what would be in store for the future (such as things like YouTube or smartphones that your generation is used to).

This should be double-spaced and at least ten sentences long. Remember to watch your spelling/grammar. Have fun!

What is language?

By Encyclopaedia Britannica, adapted by Newsela staff on 05.04.17

Word Count **534**

Level **MAX**



At the Wall of Love in Paris, France, the words "I love you" are written in 250 languages. Photo from: Wikimedia Commons.

Language is a system that people use to communicate, or share information. Language includes speaking, writing and making gestures, or body movements. Early human ancestors initiated the use of spoken language several million years ago, and humans began writing about 5,000 years ago. Language made it possible for human societies to develop.

Humans are born with the ability to understand language. Without any formal training, children learn to speak by listening to other people's speech. Other forms of language, such as writing and sign language, must be taught.

Building Blocks Of Language

The most basic part of language is a sound. Sounds are the foundation of language. Sounds can be combined into words, words can be combined into sentences, and so on.

Every language has several types of words, the most basic of which are nouns and verbs. Nouns represent people, places, things, and ideas, and verbs describe action.

Every language has its own rules of grammar as well. These rules control the order of words in a sentence, which is what gives the sentence meaning.

Not all languages are spoken, of course. In sign language, hand movements represent letters, words and sentences. Many people who use spoken language also communicate through gestures. For example, in many countries, nodding the head up and down means "yes."

Languages Of The World

There are thousands of languages throughout the world, and some are spoken by millions of people. Mandarin Chinese, English and Spanish are the most widely spoken languages in the world.



Most countries have a standard language so that citizens can understand each other. Some countries have more than one standard language. Canada, for example, has two standard languages: English and French.

Many languages are related. People who study languages group related languages together. English, German and Swedish belong to the Germanic group, while French, Spanish and Italian are called Romance languages. The Slavic language family of eastern Europe includes Russian and Polish. Chinese belongs to the Sino-Tibetan language family of Asia.

How Language Changes

At times people need to speak with others who do not know their language. For example, Europeans who came to the Americas hundreds of years ago needed a way to speak with Native Americans. They spoke using a simplified mixture of their languages. These mixtures are called pidgin languages. When a pidgin language replaces the original language of the group, it is called a creole language.

Even people who share the same language may develop different ways of speaking. People in different parts of a country may pronounce words differently or use local expressions. These varieties of the same language are called dialects.

Languages often blur together. Countries have borders, but languages and dialects do not. One language may borrow words from another language. Many English speakers use such words as pajamas (from Hindi), pasta (from Italian), karate (from Japanese) and fiesta (from Spanish).

Languages grow and change as people use them. People create new words all the time, and they often shorten existing words, too. For example, "cellular phone" was shortened to "cell phone."

Languages can be similar!

For example, French, Italian, and Spanish are all part of a group called "Romance languages."

Can you spot the similarities between these three languages?

- French: Pouvez-vous répéter?
- Italian: Può ripetere?
- Spanish: ¿Puede repetir?

English translation: Can you repeat that?

Where Do New Words Come From?

Watch the TedEd video on the assignment page, then please fill out this form. I have place time marks for where there are hints to each question in the video.

* Required

1. Email address *

2. What time do you have ELA? *

0 points

Mark only one oval.

- 1/9
- 3/4
- 6/7

3. One way a new word enters a language is by *

2 points

Mark only one oval.

- Borrowing it from another language
- Cloning an existing word
- Luck
- Eliminating another word

4. Almost half of the English language is taken from other languages. True or false? * 2 points

Mark only one oval.

- True
 False

5. Why do loanwords (words taken from other languages) exist? Why do we borrow the term instead of inventing a new one? * 2 points

Mark only one oval.

- The terms are usually referring to items that are borrowed from other places as well (like pizza)
 They have just the right word for a complex idea or feeling (like déjà vu)
 Both A and B
 None of the above

6. Scientists sometimes use _____ to name a new idea (1:22) * 2 points

Mark only one oval.

- An already existing term
 A synonym
 Words from a classical language
 Random phonetic sounds

7. A way to fill in a conceptual gap in a language is to *

2 points

Mark only one oval.

- Ignore it
- Combine existing words
- Look up a new word
- Guess

8. The word meme came about through (3:53) *

2 points

Mark only one oval.

- Analogy with the word gene
- Borrowing from another language
- A dictionary look-up process
- Speculation

9. When was the word meme first used? *

2 points

Mark only one oval.

- 2007
- 2015
- 1991
- 1967

10. Obsolete words can gain new life *

2 points

Mark only one oval.

- Because of nostalgia
- Through a whim
- By legislation
- By giving them new meanings

11. What is the term for words that describe themselves? (4:28) (NOTE: SINGLE WORD ANSWER PLEASE) * 2 points

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Google Forms

Independent and Dependent Variables

Page 1

Independent Variable -
something that controls the other
item

Dependent Variable -
depends on the independent

The input variable is also called the independent variable. The output variable is the dependent variable because it depends on the input variable.

Page 2

- 2 Identify the independent and dependent variable.
the age of an octopus and the weight of an octopus

Consider the two variables: the age of an octopus and the weight of the octopus.

- Think: Which makes more sense?
* As an octopus gets older, its weight changes.
OR
As an octopus gets heavier, its age changes.

Because the weight depends on age, weight is the dependent variable and age is the independent variable.

Page 3

✓ Quick Check

2. Identify the independent variable and dependent variable.
the time spent studying and the test score

independent: time studying
dependent: test score

Page 4

Identify the independent and dependent variables.

the outside temperature and the number of people in the park

independent: temperature
dependent: people in the park

Identify the independent and dependent variables.

the height of a tree and the number of years since it was first planted

ind: years
dep: height

Kelsey is hosting a pizza party for her basketball team. The more team members who attend the party, the more pizzas she will need to order.

t = the number of team members who attend the pizza party ★
 p = the number of pizzas Kelsey will need to order

Which of the variables is independent and which is dependent?

p is the independent variable and t is the dependent variable

t is the independent variable and p is the dependent variable

Monica is wrapping gifts to earn money for camp. She calculates the amount of wrapping paper she needs based on the number of gifts.

r = the number of rolls of wrapping paper
 g = the number of gifts

Which of the variables is independent and which is dependent?

r is the independent variable and g is the dependent variable

g is the independent variable and r is the dependent variable

A solar farm in California produces much of its output during the summer, when the sun is the most intense. The more sunlight a solar cell receives, the more power it will produce.

s = the amount of sunlight received
 p = the amount of power produced

Which of the variables is independent and which is dependent?

p is the independent variable and s is the dependent variable

s is the independent variable and p is the dependent variable

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A small apple orchard hires fruit pickers to harvest their crop. The more fruit pickers they hire, the more apples they can harvest each day.

a = the number of apples harvested each day
 f = the number of fruit pickers hired

Which of the variables is independent and which is dependent?

f is the independent variable and a is the dependent variable

a is the independent variable and f is the dependent variable

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The weather forecast for the town of Lancaster has predicted that it will snow all afternoon. The amount of time it takes to plow all of the streets will depend on the amount of snowfall.

t = the length of time it takes to plow all of the streets
 s = the amount of snowfall

Which of the variables is independent and which is dependent?

t is the independent variable and s is the dependent variable

s is the independent variable and t is the dependent variable

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Questions?

Please send me an email!

Page 12

Independent Vs. Dependent Variables – Khan Academy

You are holding a fundraiser for cancer research. A certain charity organization has agreed to contribute \$10 more than the amount of money you raise to cancer research. In the equation below, f is the amount of money that you raise during your fundraiser, and c is the amount of money that the charity organization donates.

The relationship between these two variables can be expressed by the following equation:

$$c = f + 10$$

Identify the dependent and independent variables.

	Dependent variable	Independent variable
The amount of money the charity donates	<input type="radio"/>	<input type="radio"/>
The amount of money you raise for the fundraiser	<input type="radio"/>	<input type="radio"/>

You and a friend go to see the most recent superhero movie. The length of the movie is 109 minutes, but of course, there will also be previews. In the equation below, p is the number of minutes taken up by the previews, and t is the number of minutes you spend watching previews and the movie.

The relationship between these two variables can be expressed by the following equation:

$$t = 109 + p$$

Identify the dependent and independent variables.

	Dependent variable	Independent variable
The number of minutes taken up by the previews	<input type="radio"/>	<input type="radio"/>
The number of minutes you spend watching previews and the movie	<input type="radio"/>	<input type="radio"/>

Your grandmother always has a jar of cookies on her counter. One day while you are visiting, you eat 5 cookies from the jar. In the equation below, c is the number of cookies remaining in the jar and b is the number of cookies in the jar before your visit.

The relationship between these two variables can be expressed by the following equation:

$$c = b - 5$$

Identify the dependent and independent variables.

	Dependent variable	Independent variable
The number of cookies remaining in the jar	<input checked="" type="radio"/>	<input checked="" type="radio"/>
The number of cookies in the jar before your visit	<input type="radio"/>	<input type="radio"/>

You are buying a new internet service. The service costs \$75 per month. In the equation below, d is the total number of dollars that you pay for your service, and t is the time (in months) that you keep the service.

The relationship between these two variables can be expressed by the following equation:

$$d = 75t$$

Identify the dependent and independent variables.

	Dependent variable	Independent variable
The total number of dollars you pay	<input type="radio"/>	<input type="radio"/>
The time in months you keep your service	<input type="radio"/>	<input type="radio"/>