



PLTW Virtual Learning

Medical Detectives

Lesson 30

May 15, 2020



7 & 8 Grade Medical Detectives

Lesson: Multiple Intelligence Learning Styles, May 15, 2020

**Objective/Learning Target:
Lesson 30, Part 8**

Students will be able to determine what their multiple intelligence learning styles are.

Warm-Ups:



Has anyone ever asked you if you are right-brain dominant or left-brain dominant. Do you know the answer?

What about your multiple intelligence learning styles? Do you know what this means? Do you know the different types of these learning styles? By knowing your learning styles, how do you think it can help you to learn easier, faster and better?

Click on the **One-Minute Timer** and write as much as you know about both of these topics.

[One-Minute Timer](#)

Practice: Engaging the Intelligences

Once you've discovered your learner's individual mix of strengths, you can begin tailoring your teaching methods. There are a number of ways to accomplish this, but it helps to begin with an overview of general strategies for engaging each intelligence.

- [Language](#)
- [Spatial](#)
- [Logic/math](#)
- [Body movement](#)
- [Musical](#)
- [Social](#)
- [Self](#)
- [Nature](#)

Lesson Introduction/Background Information:

Knowing more about your brain.

Left-brain vs. Right-brain

I'm sure you've heard of people being left-brain dominant or right-brain dominant. The theory is that people are either left-brained or right-brained, meaning that one side of their brain is dominant. If you're mostly analytical and methodical in your thinking, you're said to be left-brained. If you tend to be more creative or artistic, you're thought to be right-brained. Is this for real? Are we all either right-brain or left-brain? Are you right-brain or left-brain? Let's find out more about this.

Seven types of Multiple Intelligences

Did you know there are seven different types of intelligences? They are:

Linguistic-- words and language

Logical-Mathematical --logic and numbers

Musical -- music, sound, rhythm

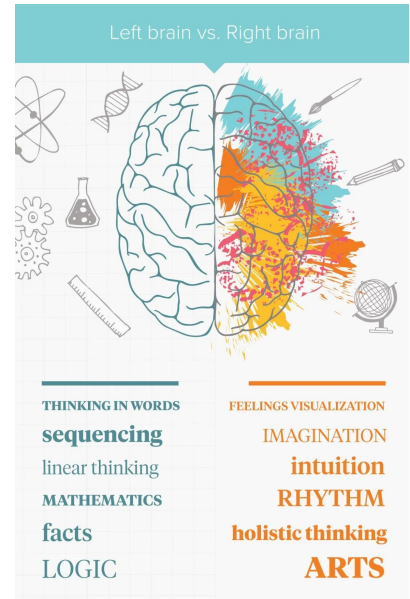
Bodily-Kinesthetic -- body movement control

Spatial-Visual -- images and space

Interpersonal -- other people's feelings

Intrapersonal -- self-awareness

Do you know what your top learning intelligences are? Let's learn more.



Practice:

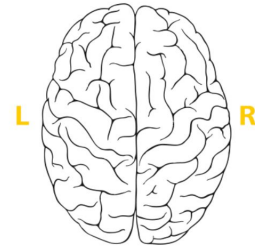
Left-brain vs. Right-brain -- which one are you?

Let's take the following tests and find out if you are left-brain dominant or right-brain dominant. Click on the link [Are You Right Or Left Brain Dominant? Personality Test](#). While you're taking the test, right down your answers so you can determine your outcome at the end of the video. Once you have finished the video and test, try taking the second test and see if your outcomes are the same. Click on the image to take the test.



SOMMER  SOMMER

Which side of your brain is more dominant?
The 30-Second Brain Test



1. Did your tests have the same outcome?
2. What were your outcomes?
3. Did it prove you correct on what type of dominant-sided brain you think you have?

Practice:

Let's find out more about the left-brain dominant side and the right-side dominant brain. Watch the videos [Do We Have Left or Right Brain Personalities?](#) and [The Left Brain vs. Right Brain Myth.](#)

After watching the videos, what are your two main takeaways?

1. _____

2. _____

3. Does the information from the videos support the outcomes of your dominant brain tests? _____

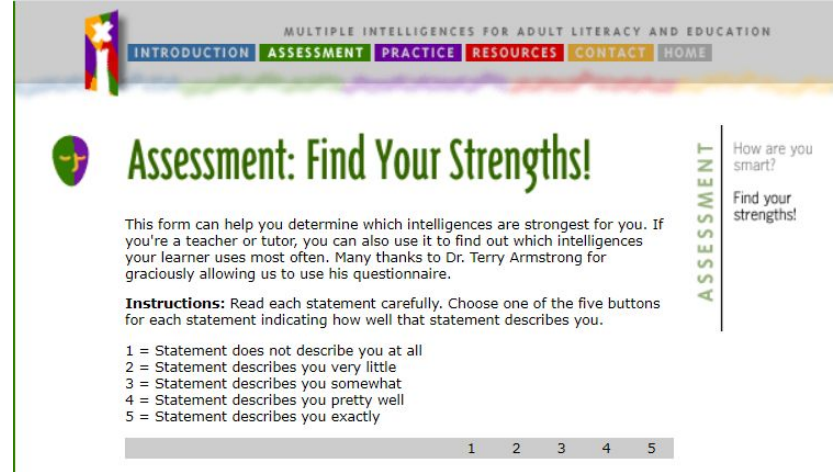
Why or why not? _____

4. Is there really such a thing as being left-brain dominant and right-brain dominant? _____

Practice:

Now that you've learned that having a left side vs. right side dominant brain is just a myth, let's find out more information about your brain that is factual. Let's learn what multiple intelligence learning styles you have. Remember, there are seven different styles. Read the directions on the assessment, answer the quick 56 questions honestly and discover the results.

Click here. 



MULTIPLE INTELLIGENCES FOR ADULT LITERACY AND EDUCATION

[INTRODUCTION](#) [ASSESSMENT](#) [PRACTICE](#) [RESOURCES](#) [CONTACT](#) [HOME](#)

Assessment: Find Your Strengths!

This form can help you determine which intelligences are strongest for you. If you're a teacher or tutor, you can also use it to find out which intelligences your learner uses most often. Many thanks to Dr. Terry Armstrong for graciously allowing us to use his questionnaire.

Instructions: Read each statement carefully. Choose one of the five buttons for each statement indicating how well that statement describes you.

1 = Statement does not describe you at all
2 = Statement describes you very little
3 = Statement describes you somewhat
4 = Statement describes you pretty well
5 = Statement describes you exactly

1 2 3 4 5

ASSESSMENT

How are you smart?
Find your strengths!

Self Assessment:

When you finish the assessment, your results will look something like this, only your scores will be different. It will show the score on each one of the different intelligences. Be sure and click on the word “Practice” to provide more information.



Just because these five are not in your top three doesn't mean you're not strong in them. If your average score for any intelligence is above three, you're probably using that intelligence quite often to help you learn. Take a look at the Practice section to see how to engage all your intelligences.

Now that you know your learning styles, you can go to [Howard Gardner's Multiple Intelligences](#) website to learn about the learning styles and how it will help you to be able to learn much faster, better and easier.

Extend Your Learning/Continued Practice:

Ask other family member to take the Multiple Intelligence Learning Styles to determine what their top learning styles are.

****Are they similar to your learning styles? How are they similar?**

Learn even more about your brain by watching the next two videos. Is it true that we only use 10% of our brains? How much do we actually use? Why do you think some people are left-handed and others aren't? What determines that?

Enjoy!

[What percentage of your brain do you use?](#)

[Why are some people left-handed?](#)