

Lab Title:... *Learning*Lab #... **1**...

Lab Partners:.....

Your Lab Score will be based on the following:

Neatness: All labs must be **well-written and done in pencil** unless directed otherwise. There are to be no cross-outs or misspelled words. Questions should be answered in complete sentences.

Accuracy: Certain **questions will be checked** for accuracy.

Completeness: All questions are to be answered completely. There are to be **NO BLANKS** or incomplete sections.

Lab Class Procedure: You are to **follow directions** and use lab equipment properly, work for the entire period, and follow proper clean-up procedures

Rubric:

Lab Score Category	Points Earned										
Neatness	0	1									
Accuracy	0	1	2	3	4						
Completeness	0	1	2	3							
Lab Class Procedure	0	1	2								
<u>Total Lab Score</u>	0	1	2	3	4	5	6	7	8	9	10

You are to submit all lab material with this lab report:

Comments:

Auditory and Visual Learning

Introduction:

This lab will test two ways of learning: visual and auditory. Most people are better at one type of learning than the other. Visual learners retain more when they see it and auditory learners remember more when they hear it. Learning can also be affected by your surroundings and background. Even so, the bottom line is everyone can learn. Some people are more willing to work at it than others.

Pre-lab questions:

1. Do you think you are a better visual or auditory learner?
2. Are there other ways other than visual and auditory learning? Give an example.

Visual Learning

You will be shown a picture that contains twenty objects for thirty seconds. Study it carefully, but do not write anything down. When instructed, write down as many of the objects as you can remember. Order is not important.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

How many objects did you remember correctly? _____

What was the class average? _____

Can you give any reasons why you remembered those objects better than the others?

Was there any special method you used to help remember the pictures?

What could have been done (other than writing them down) to help you remember the objects better?

Auditory Learning

You will be read a list of twenty words. Listen carefully. Do not write anything down (yet). Immediately after you have heard the entire list, write down all of the words you can remember. Order is not important.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Analysis

The list will be repeated and a number given to each word from 1 to 20. Write down the number in front of the words you recalled. Write down the number of people that also remembered the word after it. For words you didn't recall, simply write the word and the number of people that did recall it in the remaining blanks.

On the graph paper plot the following graph: number of people recalling words vs. word position

Does the graph show a pattern? Describe it.

Which of the words was recalled the most? _____

What number was it? _____

Which word was recalled least? _____

What number was it? _____

Do you think you will remember those words tomorrow? _____

If you wanted to remember them, how would you do it?

Going Further

Mistakes are an integral part of the learning process. Unfortunately, we are trained at a very young age to think that mistakes are bad and to be avoided at all costs. Though there are plenty of examples of mistakes with dire consequences that should be avoided, trying to learn something but getting it wrong can be one of the best ways to learn something. If you didn't get to see one in class, check out a TED talk on learning from mistakes (or even if you did, watch another one). Then write a short (and G-rated) paragraph detailing:

- A mistake you made
- How you corrected it
- What you learned from it