Words or Pictures Lab

* **Question:** Are you better at remembering words or pictures when you see them?
* **Hypothesis:** If I look at cards with pictures and words on them, then I will be better at remembering words/pictures because
* **Materials:** Flashcards with words
* Flashcards with pictures
* Scratch paper
* Pen/pencil
* 2 Timers (you may use your phone)
* **Procedure:** (within your group, you will be working in pairs so pick a partner)
* 1. Decide who will go first and that person gets one set of cards (do not turn them over).
* 2. Go over the flashcards, one-by-one, for 1 minute while your partner times you (be sure to keep the cards hidden from everyone else).
* 3. Stop and write down as many things as you can remember on your scratch paper (again, making sure no one sees what you write).
* 4. Switch jobs with your partner so the person who memorized is now the timer and the timer now has the cards. Repeat steps 2-3.
* 5. Repeat steps 1-4 with the other set of flashcards.
* 6. Check your answers, score your lists, and fill in your data table.
* **Data/Results:**

|  |  |  |  |
| --- | --- | --- | --- |
| * Name
 | * # of words correct
 | * # of pictures correct
 | * Which is better?
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Words or Pictures Conclusion

* **Variables** : (List the variables for the experiment)
* 1. Independent Variable:
* 2. Dependent Variable:
* 3. Control Group:
* 4. Constants: (at least 2)
* **Conclusion** : (please answer the following questions in complete sentences)
* 1. Was your hypothesis supported or unsupported? Use data to explain or justify your claim.
* 2. Based on your results, what should your conclusion be?
* 3. Ms. Kapaguis’ conclusion after doing this lab is “ALL students remember words better than pictures”. Do you agree or disagree with this statement?