

BRAIN-DOMINANCE QUESTIONNAIRE

This questionnaire will give you an indication of your tendency to be a left-brain learner, a right-brain learner, or a bilateral learner (using both about equally).

DIRECTIONS: Answer the questions carefully, checking the answer that is correct for you. Select the one that most closely represents your attitude or behaviour.

1. I prefer to learn
 - a. details and specific facts
 - b. from a general overview of things, and by looking at the whole picture
 - c. both ways about equally

2. I prefer the jobs
 - a. which consist of one task at a time, and I can complete it before beginning the next one
 - b. in which I work on many things at once
 - c. I like both kinds of jobs equally

3. I prefer to solve problems with
 - a. logic
 - b. my "gut feelings"
 - c. both logic and "gut feelings"

4. I like my work to be
 - a. planned so that I know exactly what to do
 - b. open with opportunities for change as I go along
 - c. both planned and open to change

5. I like to learn a movement in sports or a dance step better by
 - a. hearing a verbal explanation and repeating the action or step mentally
 - b. watching and then trying to do it
 - c. watching and then imitating and talking about it

6. I remember faces easily
 - a. No
 - b. Yes
 - c. Sometimes

7. If I have to decide if an issue is right or correct
 - a. I decide on the basis of information
 - b. I instinctively feel it is right or correct
 - c. I tend to use a combination of both

8. I prefer
 - a. multiple-choice tests
 - b. essay tests
 - c. I like both kinds of tests equally

9. If I had to assemble a bicycle, I would most likely
 - a. lay out all the parts, count them, gather the necessary tools, and follow the directions
 - b. glance at the diagram and begin with whatever tools were there, sensing how the parts fit
 - c. recall past experiences in similar situations

10. At school, I preferred
 - a. algebra

- b. geometry
- c. I had no real preference of one over the other

11. It is more exciting to
- a. improve something
 - b. invent something
 - c. both are exciting to me

12. I generally
- a. use time to organize work and personal activities
 - b. have difficulty in pacing personal activities to time limits
 - c. am able to pace personal activities to time limits with ease

13. Daydreaming is
- a. a waste of time
 - b. a usable tool for planning my future
 - c. amusing and relaxing

14. I can tell fairly accurately how much time has passed without looking at a clock
- a. Yes
 - b. No
 - c. Sometimes

15. When reading or studying, I
- a. prefer total quiet
 - b. prefer music
 - c. listen to background music only when reading for enjoyment, not while studying

FOLLOW-UP

1. Look at the descriptions below. Circle those that sound like you. Cross out those that don't.

2. If one of the two columns seems to describe you a bit better than the other, can you think, offhand, of any ways that this might be influencing your approach to learning?

<i>LEFT-BRAIN DOMINANCE</i>	<i>RIGHT-BRAIN DOMINANCE</i>
* analytical - likes to look logically at details and facts	* global - likes to process information as a whole
* linear, sequential - low-intensity stimulus activates processing	* random, simultaneous - higher-intensive stimulus activates processing
- dislikes excessive input	- likes rich, varied input
* systematic - makes decisions by facts, gives objective	* intuitive - makes decisions based on feelings, gives
judgements	subjective judgements
* "planner": prefers organisation <i>before</i> working on the task	* "corrector": prefers adjustments <i>during</i> the
- remains "within the task"	task - can go "beyond the task"
* convergent: solves problems on the basis of available data	* divergent: solves problems through imagination and discovery

Sources: *Questionnaire: Author unknown, Revisions by E.C. Davis, English Teaching Forum, Vol. 32, No. 3, 1994.; revised*

SCORING INSTRUCTIONS

1. Calculate the number of your "A" and "B" answers. Do not consider your "C" answers.
2. Put a - (minus) sign in front of your "A" score and a + (plus) sign in front of your "B" score.
3. Do the algebraical sum of your "A" and "B" scores.

SCORES

-15 to -13 = left-brain dominant (very strong)

-12 to -9 = left-brain dominant

-8 to -5 = moderate preference for the left

-4 to -1 = slight preference toward the left

0 = whole-brain dominance (bilateral)

+1 to +4 = slight preference toward the right dominance (bilateral)

+5 to +8 = moderate preference for the right

+9 to +12 = right-brain dominant

+13 to +15 = right-brain dominant (very strong)