

Electronic Supplementary Information

Gender Differences in Listening: Research Perspectives

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BRAIN-DOMINANCE INVENTORY

Author unknown

Revisions by Davis *et al* (1994)

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Name _____

Date _____

This inventory will help determine if you are primarily a left-brain or right-brain learner, or if you are bi-lateral (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 behavior. When you have finished, refer to the scoring instructions.

1. I prefer the kind of classes
 - a. where I listen to an authority.
 - b. in which I move around and do things.
 - c. where I listen and also do things.
2. Concerning hunches:
 - a. I would rather not rely on them to help me make important decisions. I frequently have strong ones and follow them.
 - b. I occasionally have strong hunches but usually I do not place much faith in them or consciously follow them.
 - c. them.
3. I usually have a place for things, a way of doing things, and an ability to organize information and materials.
 - a. Yes.
 - b. No.
 - c. In some areas of my life, but not in others.
4. When I want to remember directions, a name, or a news item, I usually:
 - a. write notes.
 - b. visualize the information.
 - c. associate it with previous information in several different ways.
5. In note taking, I print:
 - a. never.
 - b. frequently.
 - c. sometimes.
6. I prefer the kind of classes

- a. where there is one assignment at a time, and I can complete it before beginning the next one.
where I work on many things at once.
 - b. I like both kinds about equally.
 - c.
7. When remembering things or thinking about things, I do so best with:
- a. words.
 - b. pictures and images.
 - c. both equally well.
8. In reviewing instructions, I prefer:
- a. to be told how to do something.
 - b. to be shown how.
 - c. no real preference for demonstration over oral instruction.
9. I prefer:
- a. dogs.
 - b. cats.
 - c. no preference for dogs over cats or vice versa.
10. I am:
- a. almost never absentminded.
 - b. frequently absentminded.
 - c. occasionally absentminded.
11. Do you instinctively feel an issue is right or correct, or do you decide on the basis of information?
- a. decide on the basis of information.
 - b. instinctively feel it is right or correct.
 - c. I tend to use a combination of both.
12. I have
- a. no or almost no mood changes.
 - b. frequent mood changes.
 - c. occasional mood changes.
13. I am:
- a. easily lost in finding directions, especially if I have never been to that place before.
good at finding my way, even when I have never been in that area.
 - b. not bad in finding directions, but not really good either.
 - c.
14. I get motion sickness in cars and boats:
- a. hardly ever.
 - b. a lot.
 - c. sometimes.
15. I generally:
- a. use time to organize work and personal activities.
 - b. have difficulty in pacing personal activities to time limits.
usually am able to pace personal activities to time limits with ease.
 - c.
16. I prefer to learn:
- a. details and specific facts.
 - b. from a general overview of things, and to look at the whole picture.
both ways about equally.
 - c.
17. I learn best from teachers who:

- a. are good at explaining things with words.
 - b. are good at explaining things with demonstration, movement, and/or action.
do both.
 - c.
18. I am good at:
- a. explaining things mainly with words.
 - b. explaining things with hand movements and action.
 - c. doing both equally well.
19. I prefer to solve problems with:
- a. logic.
 - b. my gut feelings.
 - c. both logic and gut feelings.
20. I prefer:
- a. simple problems and solving one thing at a time.
 - b. more complicated problems, more than one thing.
 - c. both kinds of problems.
21. Daydreaming is:
- a. a waste of time.
 - b. a usable tool for planning my future.
 - c. amusing and relaxing.
22. I prefer classes in which I am expected:
- a. to learn things I can use in the future.
 - b. to learn things I can use right away.
 - c. I like both kinds of classes equally.
23. I am:
- a. not very conscious of body language. I prefer to listen to what people say.
good at interpreting body language.
 - b. good at understanding what people say and also in interpreting body language.
 - c.
24. In school, I preferred:
- a. algebra.
 - b. geometry.
 - c. I had no real preference of one over the other.
25. In preparing myself for a new or difficult task, such as assembling a bicycle, I would most likely:
- a. lay out all the parts, count them, gather the necessary tools, and follow the directions.
glance at the diagram and begin with whatever tools were there, sensing how the parts fit.
 - b. recall past experiences in similar situations.
 - c.
26. In communicating with others, I am more comfortable being the:
- a. talker.
 - b. listener.
 - c. I m usually equally comfortable with both.
27. I can tell fairly accurately how much time has passed without looking at a clock.
- a. Yes.
 - b. No.
 - c. Sometimes.
28. I like my classes or 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.
29. I prefer:

- a. multiple-choice tests.
 - b. essay tests.
 - c. I like both kinds of tests equally.
30. In reading, I prefer:
- a. taking ideas apart and thinking about them separately.
 - b. putting a lot of ideas together before applying them to my life.
 - c. both equally.
31. When I read, I prefer to look for:
- a. specific details and facts.
 - b. main ideas.
 - c. both about equally.
32. I enjoy:
- a. talking and writing.
 - b. drawing and handling things.
 - c. doing both equally.
33. It is more exciting to:
- a. improve something.
 - b. invent something.
 - c. both are exciting to me.
34. I am skilled in:
- a. putting ideas in a logical order.
 - b. showing relationships among ideas.
 - c. both equally.
35. I am good at:
- a. recalling verbal material (names, dates).
 - b. recalling visual material (diagrams, maps).
 - c. equally good at both.
36. I remember faces easily.
- a. No.
 - b. Yes.
 - c. Sometimes.
37. When reading or studying, I:
- a. prefer total quiet.
 - b. prefer music.
 - c. I listen to background music only when reading for enjoyment, not while studying.
38. 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.
 - c.
39. Sit in a relaxed position and clasp your hands comfortably in your lap. Which thumb is on top?
- a. Left.
 - b. Right.
 - c. They are parallel.

BRAIN-DOMINANCE INVENTORY SCORING

Number of A s _____

Number of B s _____

Number of C s _____

Your A s, B s, and C s must total 39, or your score is incorrect.

1. Compute your B score minus your A score. It can be a minus or a plus answer. _____ .

2. If your C score is 17 or higher, divide your B minus A score by three. Round your score to the nearest number. The answer will be your score. It can be a minus or plus number. _____.
- OR
- If your C score is from 10 to 16, divide your B minus A score by two. Round your score to the nearest number. The answer will be your score. It can be a minus or plus number. _____.
- OR
- If your C score is less than 10, do not divide at all. Your B minus A score is your answer. _____.

3. NOW PLOT YOUR SCORE BELOW

-11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8 +9 +10 +11

A score of 0 = Whole-brain dominance (bi-lateral)

A score of - 1 to - 3 = Slight preference toward the left

A score of - 4 to - 6 = Moderate preference for the left

A score of - 7 to - 9 = Left-brain dominant

A score of -10 to -11 = Left-brain dominant (very strong)

A score of + 1 to + 3 = Slight preference toward the right

A score of + 4 to + 6 = Moderate preference for the right

A score of + 7 to + 9 = Right-brain dominant

A score of +10 to +11 = Right-brain dominant (very strong)

(Source: Davis, E. C., Hafsah, N. & Ruru S. A. A. (1994). Helping teachers and students understand learning styles. *Forum*: 32/13.)