Figure 2.6c Learning Profile Assessment Tools (Modality Preference Inventory)

Read each statement and give yourself a score (3, 2 or 1) as to how strongly each statement applies to you. Try not to use 2 very often!  
 Often – 3 Sometimes- 2 Seldom/Never- 1

\_\_\_\_\_**1)** I need to write mathematics down when learning in order to remember it.

\_\_\_\_\_**2)** I learn best from a lecture and not from a textbook.

\_\_\_\_\_**3)** I learn best in mathematics when I can do something with my hands, like using

counters or other models.

\_\_\_\_\_**4)**  I need it to be quiet when I study mathematics.

\_\_\_\_\_**5)** I hate taking notes. I want to just listen to lectures and I will remember and learn that way.

\_\_\_\_\_**6)** I learn and study mathematics better when I can move – pace the floor, shift positions, tap, etc.

\_\_\_\_\_**7)** It’s hard for me to understand mathematics when someone just tells about it without writing it down.

\_\_\_\_\_**8)** I have difficulty following written solutions on the board unless someone also explains the steps.

\_\_\_\_\_**9)** I learn mathematics best when I can manipulate or use hands-on examples.

\_\_\_\_\_**10)** I like to work a problem out in my mind. I usually get the right answer that way.

\_\_\_\_\_**11)** I can remember more of what is said to me than what I see.

\_\_\_\_\_**12)** I usually can’t verbally explain how I solved a mathematics problem, but can show it to someone.

\_\_\_\_\_**13)** I enjoy writing in mathematics and show my steps to stay organized.

\_\_\_\_\_**14)** The more people explain mathematics to me, the faster I learn it.

\_\_\_\_\_**15)** I’ve always liked using my fingers to figure out mathematics.

\_\_\_\_\_**16)** When taking a mathematics test, I can often see in my mind the page in my notes or in the text where the explanations or answers are located.

\_\_\_\_\_**17)** I don’t like reading explanations in my mathematics book; I’d rather have someone explain the new material to me.

\_\_\_\_\_**18)** It helps when I take a break and move around when I study mathematics.

\_\_\_\_\_**19)** I get easily distracted or have difficulty understanding in mathematics class when there is talking or noise.

\_\_\_\_\_**20)** I wish my mathematics teachers would lecture more and write less on the board.

\_\_\_\_\_**21)** If I look at my mathematics teacher when he or she is teaching it helps me to stay focused.

\_\_\_\_\_**22)** I get easily distracted or have difficulty understanding in mathematics class when there is talking or noise.

\_\_\_\_\_**23)** It helps me when I repeat the numbers or talk to myself when working out mathematical problems.

\_\_\_\_\_**24)** I enjoy figuring out mathematical games and mathematical puzzles when I learn mathematics.

# Mathematics Modality Preference Scoring Guide

Write your score for each statement beside the appropriate number below, then add all the scores in each column.

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1)\_\_\_\_ | 2)\_\_\_\_ | 3)\_\_\_\_ |
|  | 4)\_\_\_\_ | 5)\_\_\_\_ | 6)\_\_\_\_ |
|  | 7)\_\_\_\_ | 8)\_\_\_\_ | 9)\_\_\_\_ |
|  | 10)\_\_\_\_ | 11)\_\_\_\_ | 12)\_\_\_\_ |
|  | 13)\_\_\_\_ | 14)\_\_\_\_ | 15)\_\_\_\_ |
|  | 16)\_\_\_\_ | 17)\_\_\_\_ | 18)\_\_\_\_ |
|  | 19)\_\_\_\_ | 20)\_\_\_\_ | 21)\_\_\_\_ |
|  | 22)\_\_\_\_ | 23)\_\_\_\_ | 24)\_\_\_\_ |
| **Total** |  |  |  |
|  | **Visual** | **Auditory** | **Kinesthetic** |

The largest number in the total of the three columns above indicates your dominant learning style.

**Visual learners** learn best by seeing. Visual learners benefit from taking notes, charts, graphs, diagrams and color.

**Auditory learners** learn best by listening. Auditory learners benefit from listening to lectures with minimum notes, discussions and talking to themselves when working alone.

**Kinesthetic (or tactile) learners** learn best by moving, touching or doing. Kinesthetic learners benefit from hands-on activities, writing and re-writing notes, and games.