REQUEST LETTER

Respected Sir/Madam,

I, Mohammad Research scholar of Ph.D (Education) of Osmania University, Hyderabad, as a part of research work; I have undertaken the field work on the following topic.

**TOPIC**: “An investigation to Identify the Learning Difficulties in Science Among the Secondary School Students.”

The following check list is given to you in this connection to collect the data for the investigation of the problem. I request you kindly answer the questionnaire. Your objective responses and whole hearted cooperation is earnestly solicited in this endeavour.

Please register your honest opinions, kindly answer all questions.

Thanking you,

Yours sincerely,

Mohammad
Ph.D Research scholar,

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**Preliminary information**

**BIO-DATA**

1. Name of the Teacher : 
2. Gender : a) Male b) Female
3. Place of working and Address : 
5. Experience : 
6. Place of living : a) Rural b) Urban
7. Type of School : a) Government b) Private

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Student information

Name of the Student : 

a) Class : 

b) Gender : a) Male b) Female  

c) Date of Birth / Age : 

Note: Please put the Tick mark for the following statement by “Yes” of you agree. With the statement “No” of you disagree with regard to the student under reference (Mentioned in preliminary information).

1. Reverses words when reading and writing.  Yes / No
2. Have difficulty in following directions especially when multiple directions are given  Yes / No
3. Forgets almost immediately what has been heard  Yes / No
4. Easily distracted by background noise or visual stimulation.  Yes / No
5. Poor comprehension and retention of material read.  Yes / No
6. Writing is messy and incomplete with many cross outs and erasures.  Yes / No
7. Laborious effort and time to complete written work.  Yes / No
8. Impulsive response without considering consequences.  Yes / No
9. Have a short attention span difficulty in concentration  Yes / No
10. Has difficulty in hearing differences between similar sounding words.  Yes / No
11. Needs extra reassurance when attempting tasks  Yes / No
12. Performs inconsistently from day to day or hour to hour  Yes / No
13. Difficulty completing tasks on time  Yes / No
14. Significant discrepancy between ability and achievement  Yes / No
15. Has poor self confidence and self image  Yes / No
16. Assignments and notes often left behind or incomplete  Yes / No
17. Difficulty with reading body language and facial expression  Yes / No
18. Has difficulty in planning  Yes / No
19. Demonstrates poor decision making skills  Yes / No
20. Have difficulty with social skills.  Yes / No
21. Confuses between Phyla / Phylum, Micro/ Macro, and Mitosis / Miasis. Yes / No
22. Has difficulty with abstractions, needs concrete demonstration. Yes / No
23. Has trouble in learning shapes of chemical Bonds. Yes / No
24. Difficulty in organizing scientific ideas and information. Yes / No
25. Inability to memorize the Periodical table. Yes / No
26. Difficulty in remembering the sequence of Electronic configuration of Elements. Yes / No
27. Difficulty in understanding problems of Electrolysis. Yes / No
28. Able to explain Chemical Equations orally but not in writing. Yes / No
29. Has difficulty with hand-eye coordination while drawing science figures. Yes / No
30. Has difficulty in drawing conclusions and making inferences. Yes / No
31. Has difficulty in understanding concepts such as Gravitation, Glycolisis, polination, etc.. Yes / No
32. Have less tolerance for frustration and failure in science lab work. Yes / No
33. Makes consistent reading errors in scientific names of animal kingdom. Yes / No
34. Difficulty in remembering and learning atomic numbers and Symbols. Yes / No
35. Has difficulty with Science concepts and basic operations with reasoning. Yes / No
36. Doesn't automatically relate new facts to known facts. Yes / No
37. Has difficulty in remembering shapes of Bacteria and Virus. Yes / No
38. Substitutes words while reading the science book. Yes / No
39. Can't make simple line drawing of pictures. Yes / No
40. Difficulty or confusion of chemical symbols (i.e. Na/S, Co/Cu and Sn/Si). Yes / No

“Thank You”