### Information sheet

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Class</th>
<th>Gender</th>
<th>School</th>
<th>Distt</th>
</tr>
</thead>
</table>

The information provided by the subject will be used for research purpose and will be kept confidential.

Husanpreet Kaur  
(Investigator)
GRAPH NO 1

Level of Cognitive Behaviour of Hearing Impaired Children and Normal Children of Punjab
Graph No 2

Level of Cognitive Stimulation of Parents of Normal Children and Parents of Hearing Impaired Children

<table>
<thead>
<tr>
<th>Series 1</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series 2</td>
<td>S.D</td>
</tr>
<tr>
<td>Series 3</td>
<td>Number of Children</td>
</tr>
<tr>
<td>Category 1</td>
<td>Normal Children (group 8-10yrs)</td>
</tr>
<tr>
<td>Category 2</td>
<td>Hearing Impaired Children (group 8-10yrs)</td>
</tr>
<tr>
<td>Category 3</td>
<td>Normal Children (group 11-12yrs)</td>
</tr>
<tr>
<td>Category 4</td>
<td>Hearing Impaired Children (group 11-12yrs)</td>
</tr>
</tbody>
</table>
Series 1  Number
Series 2  Mean
Series 3  S.D
Category 1  Parents of normal children
Category 2  Parents of hearing impaired children

**GRAPH NO 3**

**Difference in Parenting of the Normal Children and Parenting of Hearing Impaired Children**
<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Number</td>
</tr>
<tr>
<td>2</td>
<td>Mean</td>
</tr>
<tr>
<td>3</td>
<td>S.D</td>
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<tr>
<td>Category 1</td>
<td>Parenting of normal children</td>
</tr>
<tr>
<td>Category 2</td>
<td>Parenting of hearing impaired children</td>
</tr>
</tbody>
</table>

**GRAPH NO 4**

The Impact of Cognitive Behaviour and Cognitive Stimulation on Academic Performance of Normal Children
Estimated Marginal Means of AP

CS      COGNITIVE STIMULATION
CB      COGNITIVE BEHAVIOUR

GRAPH NO 5

The Impact of Cognitive Behaviour and Cognitive Stimulation on Academic Performance of Hearing Impaired Children
Estimated Marginal Means of AP

Estimated Marginal Means

CS

CB

L

M

CS

COGNITIVE STIMULATION

CB

COGNITIVE BEHAVIOUR

A TEST OF COGNITIVE BEHAVIOUR
(for children)

NAME

SEX

AGE

SCHOOL

CLASS

DISTT

INSTRUCTIONS
The following information is required about you to know your cognitive behaviour. Express your opinion by marking tick ( ) in the box ( ) given below the five alternatives given against that statement. This information will be used for research purpose only and will be kept confidential.

1. I visit new places to add it to my knowledge.
2. I ask questions in the class.
3. I like to play intellectual games.
4. I am eager to know more.
5. I solve puzzles.
6. I like to stay away from school.
7. I have a desire to read new storybooks.
8. I observe everything keenly.
9. I read daily newspaper regularly.
10. I have discussions with my peers.
11. I try to find new words in the books.
12. I easily get lost.
13. I can recognize people.
14. I like to read everything.
15. I keep list of things’ what I do.
16. I like to give critical comments.
17. I can bear mental stress.
18. I daily spend two hours on computer for typing.
19. I learn from educational films
20. I participate in co-curricular activities in school.
21. I am member of sports club.
22. I am in the habit of preparing a scrapbook.
23. I know how to use dictionary.
24. I have a small library in my home.
25. I am found of visiting science museum.
26. I am aware of global warming.
27. I always plan ahead.
28. I do yoga daily for maintaining good physical and mental health.
29. I participate in school quiz programme.
30. I have a full trust in whatever I read.
31. I keep on solving puzzles tell I get the solutions.
32. I keep on doing work till I finish it.
33. Before deciding for anything I try to know its details.
34. I love to do difficult tasks.
35. I like to explore new things.
36. I ask questions regarding those things only which I like.
37. I cram contents of my course.
38. If something appears difficult, I leave it.
39. If I do not understand something, I leave it.
40. I feel tired very soon while studying.
41. I can continuously study for many hours.

A TEST OF COGNITIVE STIMULATION
(FOR PARENTS)

NAME OF CHILD
CLASS
SCHOOL
AGE
GENDER M/F
DISTT

INSTRUCTIONS
The following is required about your child to know your role in providing stimulation to your child. Express your opinion by marking tick ( ) in the box ( ) given below the five alternatives given against that statement. This information will be used for research purpose only and will be kept confidential.

<table>
<thead>
<tr>
<th>STATEMENTS</th>
<th>NEVER</th>
<th>VERY FREQUENTLY</th>
<th>FREQUENTLY</th>
<th>OCCASIONALLY</th>
<th>ALWAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. I provide intellectual games to my child.</td>
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<tr>
<td>2. My child does his homework only when asked.</td>
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<tr>
<td>3. I provide educational films to my child.</td>
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<tr>
<td>4. I help my child to participate in co-curricular activities.</td>
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<td>5. I narrate stories to my child at night.</td>
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<td>6. He goes to sports club after school with me.</td>
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<tr>
<td>7. I encourage my child to participate in art and craft.</td>
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<tr>
<td>8. I help my child to solve puzzles published in newspaper.</td>
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<tr>
<td>9. I bring educational games for my child.</td>
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<td>10. I talk to my child about nature and science.</td>
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<td>11. I motivate my child to express his thoughts.</td>
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<td>12. I encourage my child to exchange ideas with others.</td>
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<tr>
<td>13. I help my child in collecting pictures of great men.</td>
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<tr>
<td>14. I discuss with my child the lives and achievements of great men.</td>
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<tr>
<td>15. I discuss with my child the social evils of our society.</td>
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<td>16. I ask my child to visit library in free time in school</td>
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<td>17. I ask my child to plan ahead.</td>
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<tr>
<td>18. I encourage my child to join NCC, NSS etc.</td>
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<tr>
<td>19. I talk to my child about space.</td>
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<tr>
<td>20. I visit a science museum with</td>
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</tbody>
</table>


my child.

21 I encourage my child to watch sports events.

22 I guide my child, how to read and checkout books from library.

23 I ask my child to play educational games on computer.

24 I discuss with my child, how to do mediation for sound mental health.

25 Where ever I see good, I buy it for my child.

26 I play with my child those games where he uses brain like chess etc.

27 I give him puzzles and ask him to solve it.

28 I daily do yoga asana in the morning along with my child.

29 I encourage my child before deciding for anything to know about it in details.

30 I advice my child to keep on solving puzzles till he gets the solution.

31 I encourage my child to become a bright children.

32 I remain very busy therefore I cannot any time to my child.

33 I try to solve Childs’ difficulties even if I have to study for them.

34 I often discuss with the child his progress in his studies.

35 I make it sure that the child does not miss his homework.

36 I often go through the class notebooks to the child.

37 I am not in favour of providing help books to the child.