

Team: Data Pirates_
College – K. J. Somaiya Institute of Engineering and Information Technology,
Sion, Mumbai

Smart India Hackathon 2022 – Software Edition
Problem Statement I.D. – PK854

Parents' Questionnaire

DYSLEXIA

Answers in the form of: [Very often, often, sometimes, rarely, never]

1. Does your child reverse the letters d and b (bog rather than dog) while speaking?
2. Does your child write letters and numbers the wrong way round?
3. Does your child find it hard to remember a word just read?
4. Can your child read the words that are there (decode) but struggle to understand what they've read?
5. Does your child dislike reading out loud?
6. While reading, does your child miss out on some sentences?

7. Does your child express ideas clearly in words?
8. Does your child have difficulty learning or recalling letters?
9. Is your child able to construct the sentences properly while reading?

DYSCALCULIA:

Answers in the form of: [Very often, often, sometimes, rarely, never]

1. Is the child able to solve the numeracy questions i.e.
 - Count or make connection with words eg. four is 4
 - Recognize and write numbers
 - Tell the sequence of numbers
2. Is the child able to do the calculations i.e.
 - Being able to work out with addition, subtraction, multiplication or division
 - Recognise mathematical sign
 - Decide what math operation to use

3. Is the child able to grasp the Math Language i.e.
Understand mathematical concepts such as greater than, less than
4. Is the child able to do identify visual - spatial objects i.e.
Tell left to right
5. Is your child able to classify 3D objects by seeing them from different angles?
6. Is the child able to perform sorting i.e.
Able to sort numbers and items having common characteristics
7. Is the child able to tell the numbers in sequence?
8. Does numbers and math seem like a foreign language to your child?

ADHD:

Answers in the form of: [Very often, often, sometimes, rarely, never]

1. Does your child find the majority of the tasks (work/school assignments, etc.) boring or repetitive/difficult to complete?
2. Does your child have difficulty concentrating on people when they are speaking to him/her?
3. Does your child find it hard to focus when there is activity or noise around him/her?
4. Does your child struggle to follow instructions or pay attention to details?
5. Does your child have difficulty sustaining attention in tasks or play activities?
6. Does your child avoid, dislike, or reluctantly engage in tasks requiring sustained mental effort?
7. Does your child leave a seat in the classroom or in other situations in which remaining seated is expected?
8. Does your child fidgets with hands or feet or squirms in seat?

9. Does your child run or climb excessively in situations in which it is inappropriate?
10. Does your child blurt out answers before questions have been completed?
11. Does your child interrupt or intrude on others?

Dysgraphia

Answers in the form of: [Very often, often, sometimes, rarely, never]

1. Does your child hold pencil, pen or markers in a way that his/her hand hurts?
2. Is your child's handwriting legible?
3. Does your child miss out on letters while writing?

4. Does your child have difficulty in picking up small objects?
5. Does your child feel the need to make excuses to try to get out of writing assignments at school or at home?
6. Does your child make spelling errors in common words when writing?
7. Does your child get restless when writing; moving around and getting distracted easily?