Neurodiversity

Neurodiversity describes how effective a person is at processing information: written and spoken language, sounds, visual images, light, temperature, touch, texture, and taste, movement, and co-ordination signals from the brain.

An individual’s profile will show peaks and troughs. People who have challenges in one area may have strengths in another.

Neurodiversity can be thought of as an umbrella term for a range of different neurological challenges referred to as specific learning difficulties and development disorders.

Developmental Co-ordination Disorder (DCD)/Dyspraxia
Affects fine and gross motor co-ordination. People may have issues with self-care, writing, typing, playing, driving a car, DIY, organisational skills as well as other educational and recreational activities.

Over and under-sensitive to light and noise, touch, temperature, speech, and language difficulties.

Autistic Spectrum Disorder (ASD) including Asperger’s Syndrome
Affects how a person communicates with, and relates to, other people. It also affects how they make sense of the world around them.

Word finding and speech problems.

Dyslexia
Difficulty with reading, writing, and/or spelling. Individuals may experience challenges with auditory or visual processing, phonological awareness, oral language skills, and reading fluency, short-term and working memory.

Dyscalculia
Difficulties with learning and processing basic arithmetic facts and concepts and performing accurate and fluent calculations.

Dyspraxia
Affects fine and gross motor co-ordination. People may have issues with self-care, writing, typing, playing, driving a car, DIY, organisational skills as well as other educational and recreational activities.

Over and under-sensitive to light and noise, touch, temperature, speech, and language difficulties.

Attention Deficit (Hyperactivity) Disorder (AD(H)D)
Individuals may be having difficulty staying focused and paying attention, controlling behaviour, and hyperactivity.

Tourette’s Syndrome
Individuals experience tics, involuntary and uncontrollable sounds and movements.

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Based on DANDA model