Autism Spectrum Disorder (ASD)

Definition	Autism is a brain disorder that typically affects a person's ability to communicate, form relationships with others, and respond appropriately to the environment.		
	-Autism Resource Centre, Singapore (2007)		
Subtypes	 Autistic Disorder Asperger's Syndrome Childhood Disintegrative Disorder Rett's Disorder PDD – Not Otherwise Specified (PDD-NOS) (PDD - Pervasive Developmental Disorder) 		
General	Impairment in language and communication skills		
Characteristic	Lack of imagination		
S	Repetitive or restricted patterns of thought and behaviour		
	Unlike children with autism, children with Asperger's Syndrome retain their		
	early language skills.		
	Emotionally immature and has difficulty interacting with others.		
	Problems with non-verbal communication		
	Clumsiness and uncoordinated motor movements. (Zee, P.)		
Prevalence	Once considered to be a very rare condition, affecting only 3-4 individuals in every 10,000, recent studies have suggested much higher prevalence rates. If people within the wider 'autistic spectrum' are included the prevalence rate maybe as high as 91 per 10,000 (Wing, 1996). Retrieved on 27 August, 2007 from Autism Association (Singapore) via http://web.singnet.com.sg/~autism/autism.htm		
Diagnostic	There is no medical test for diagnosing autism. However, diagnosis must be		
criteria	based on observation of the individual's communication, behaviour and the		
	developmental levels. (Autism Society of America) A comprehensive		
	evaluation involves a team of psychologist, neurologist, psychiatrist, speech		
	therapist to conduct a thorough neurological assessment and cognitive and		
	language testing. Retrieived on 27 August, 2007 from http://www.ninds.nih.gov/disorders/autism/detail_autism.htm		
Asperger's Syndrome			
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Asperger's Syn	di Oilio	
Description of condition	j .	Ily affects a person's ability to communicate, I respond appropriately to the environment. tioning autism".
	Asperger's Syndrome	Austistic Disorder ASD
	Mild autism	Severe autism
Characteristic s exhibited by students with Asperger's Syndrome	 No clinically significant general delay in language. No clinically significant delay in cognitive development or in age-appropriate self-help skills. Good rote memory skills Interests in a particular subject Impairment in social interaction multiple non-verbal behavior e.g. eye-to- eye gaze, failure to develop pure relationship 	

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	 lack of spontaneous seeking to share enjoyment, interests, achievement with others. Lack of social or emotional reciprocity Speech patterns are unusual, lack infection (maybe too formal, loud or high-pitched) Cannot understand subtleties of language (eg, irony and humor) Have motor skills delays
Other Associated Characteristic s	 weak in comprehension cognitively inflexible needs support in helping the pupil make decision about his/her next step.
Local internet resources	Information on assessment of autism, schools with specific programmes for children with autism, support for parents and working professionals can be found in the following websites. a) Autism Association (Singapore) http://web.singnet.com.sg/~autism/programmes.htm b) WeCan http://web.singnet.com.sg/~autism/programmes.htm b) WeCan http://www.autism-we-can.com/HTML/index.html c) SPED schools http://www.moe.gov.sg/specialeducation/SPED%20Schools%20Table.htm d) Autism Resource Centre http://www.moe.gov.sg/specialeducation/SPED%20Schools%20Table.htm d) Autism Resource Centre http://www.moe.gov.sg/specialeducation/SPED%20Schools%20Table.htm d) Autism Resource Centre http://www.html/httml/index.html e) Pathlight School http://www.pathlight.org.sg/Pathlight/content/content.asp?categoryId=3365285062108761&contentId=3365282149190046 f) Dynamics OTC Pte Ltd http://www.therapy.com.sg/?gclid=Cl3mi7amml4CFRDVYAodeEuTSQ g) Zee School http://www.zeeschool.com.sg
Overseas Internet Resources	More information on autism, its assessment, support till adulthood in these website a) Autism Society of America http://www.autism-society.org/site/PageServer b) Association for Science in Autism Treatment http://www.asatonline.org c) Autism Network International http://ani.autistics.org d) Autism National Committee http://www.autismresearchinstitute.com e) Autism Research Institute http://www.autismresearchinstitute.com f) Cure Autism Now (CAN) Foundation http://www.cureautismnow.org g) Autism Speak/National Alliance for Autism Research http://maapservices.org h) Institute of Mental Health http://www.nimh.nih.gov/healthinformation/autismmenu.cfm

Reference

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from http://www.autism.org.sg/public html/html/index.html

Autism Society of America (2007). The Voice of Autism. Retrieved on 27August, 2007 from http://www.autism-society.org

National Institute of Neurological Disorder and Stroke National Institutes of Health Bethesda, MD 20892

Poon, K. K., & Khaw, J. (2007). Supporting Students with Special Needs In Mainstream Schools. Singapore: Pearson Prentice Hall.

Zee, P. *Provides parents with coping strategies for their children!* Retrieved on 27 August 2007 from http://www.zeeschool.com.sg and http://www.nimh.nih.gov/healthinformation/autismmenu.cfm

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