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### Introducing a New Definition of Dyslexia\* SASC (2024) found at https://www.patoss-dyslexia.org/news/introducing-a-new-definition-of-dyslexia Dyslexia is primarily a set of processing difficulties that affect the acquisition of reading and spelling. In dyslexia, some or all aspects of literacy attainment are weak in relation to age, standard teaching and instruction, and level of other attainments Across languages and age groups, difficulties in reading and spelling fluency are a key marker of dyslexia.

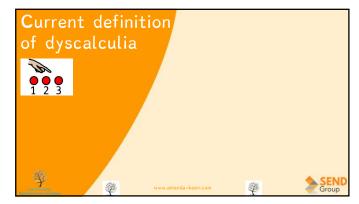
#### Introducing a New Definition of Dyslexia\* - SASC (2024) found at https://www.patoss-dyslexia.org/news/introducing-a-new-definition-of-dyslexia - The nature and developmental trajectory of dyslexia depends on multiple genetic and environmental influences. - Dyslexic difficulties exist on a continuum and can be experienced to various degrees of severity. - Dyslexia can affect the acquisition of other skills, such as mathematics, reading comprehension or learning another language.

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# Introducing a New Definition of Dyslexia\* -sasc (2024) found at https://www.patoss-dyslexia.org/news/introducing-a-new-definition-of-dyslexia - The most commonly observed cognitive impairment in dyslexia is a difficulty in phonological processing (i.e. in phonological awareness, phonological processing speed or phonological memory). However, phonological difficulties do not fully explain the variability that is observed.

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## Introducing a New Definition of Dyslexia\* \*SASC (2024) found at https://www.patoss-dyslexia.org/news/introducing-a-new-definition-of-dyslexia \*Dyslexia frequently co-occurs with one or more other developmental difficulty, including developmental language disorder, dyscalculia, ADHD, and developmental coordination disorder.



### Developmental Dyscalculia • Developmental Dyscalculia is a specific and persistent difficulty in understanding numbers which can lead to a diverse range of difficulties in mathematics. It will be unexpected in relation to age, level of education and experience and occurs across all ages and abilities. •BDA/SASC (2019)

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## Mathematics difficulties are best thought of as a continuum, not a distinct category, and they have many causal factors. Dyscalculia falls at one end of the spectrum and will be distinguishable from other maths issues due to the severity of difficulties with number sense, including subitising, symbolic and non-symbolic magnitude comparison, and ordering.







