

# Who are children with special needs?

**Special needs** is a term based on the functional development to describe individuals who have disabilities that are physical, or psychological.

They're children who have some disability which affects their learning process and makes their everyday activities difficult.

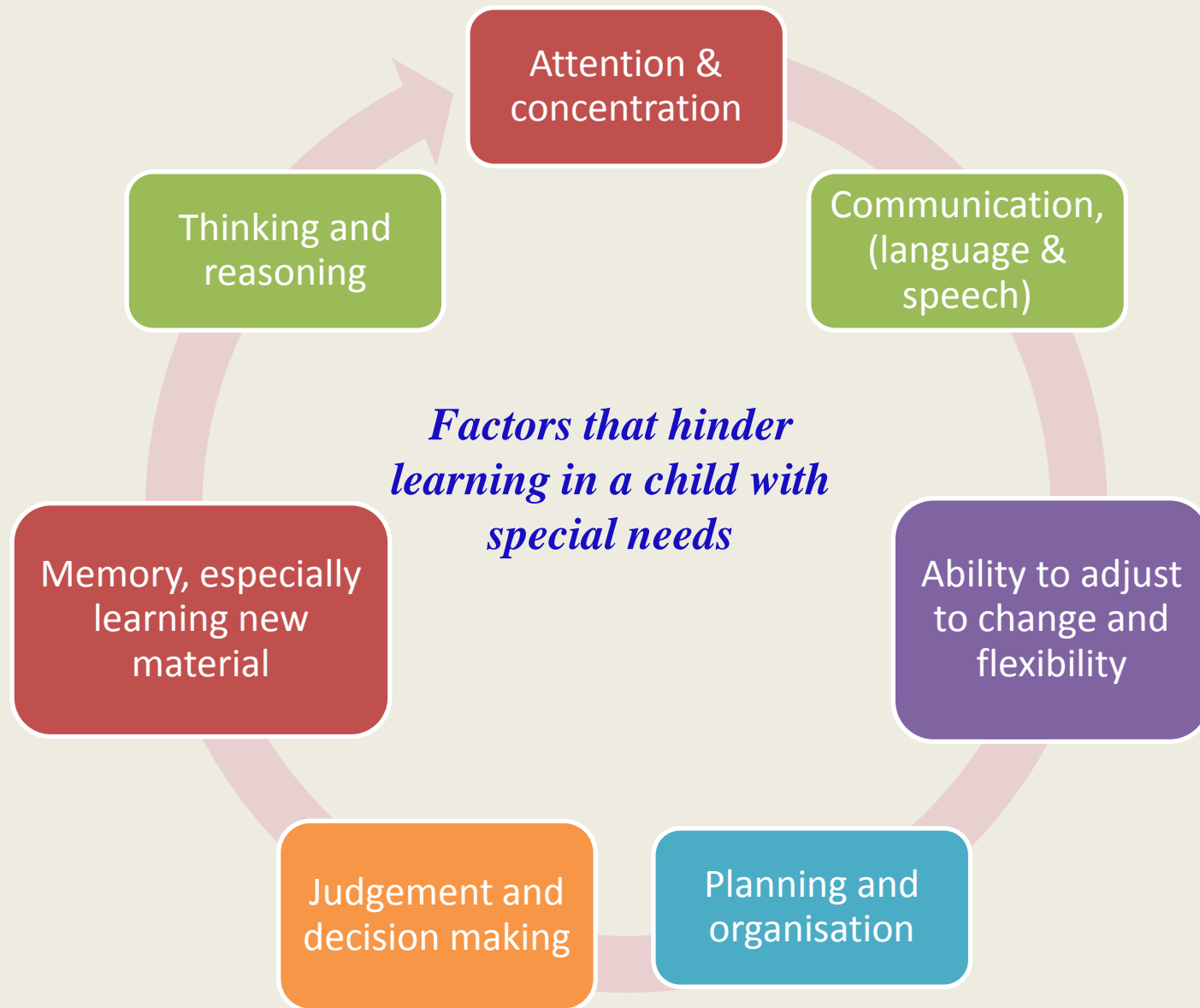
They have to be taught how to strengthen their learning and develop compensatory strategies for those skills or behaviours that may forever remain challenges for them.

# Special Education :

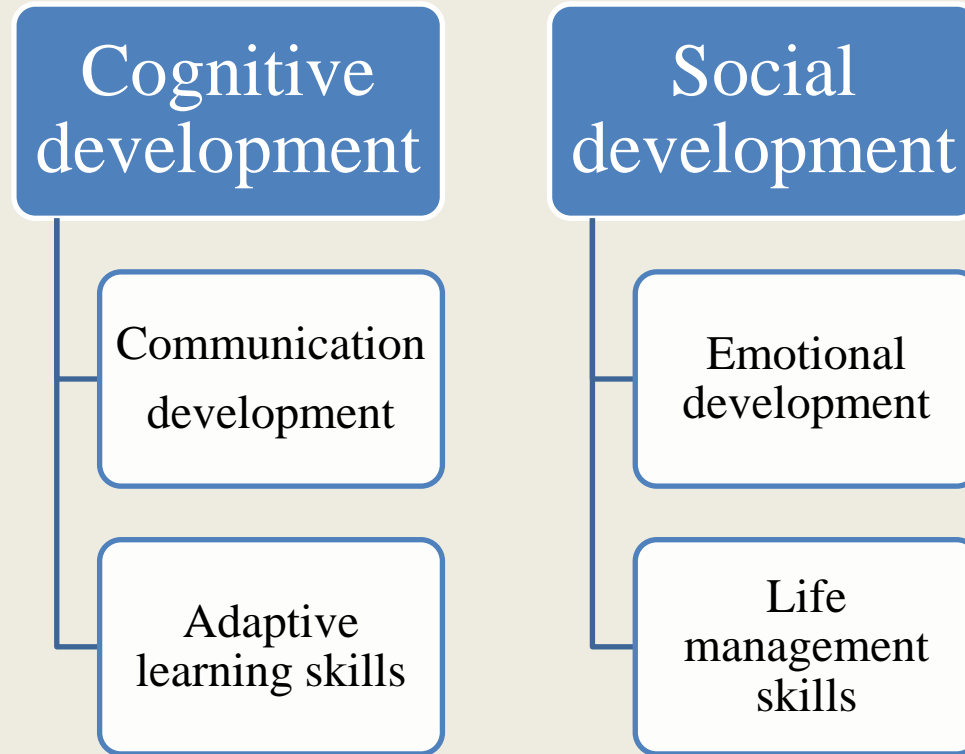
Exceptional children are those who require special education and related services if they are to realise their full human potential.

Regular one to one assessments have to be made to recognise every small ability of the child rather than analysing the whole functioning of the child.

Individualised Educational plan (IEP) has to be planned based on the precise identification of the person's potentials and building an individual program around these abilities.



# Most commonly affected areas of development in a person with special needs are



*Growth in one area of development can affect growth in the other areas.*

# What is Assistive technology?

- Assistive technology is technology used by people with disabilities in order to perform certain day to day functions that might otherwise be difficult or impossible.
- Assistive Technology products can facilitate people with disabilities to accomplish a number of tasks, assist them in communication, education, work or recreation activities, in essence, help them achieve greater independence and enhance their quality of life.

# The common disabilities that require Assistive technology are :

Autism spectrum disorder/ asperger's syndrome

ADD/ADHD- attention deficit and hyperactivity disorder

Developmental delay

Down's syndrome

Cerebral Palsy

Learning Disability

Mental retardation

Speech and hearing impairment

## Advantages of using Tablets over computers:

- The interactive touch screen that tablets come with makes learning a lot easier.
- The touch screens are easier for the children to use when compared to the traditional mouse and keyboard.
- Children also consider touching the screen more fun.
- Touch screens also make learning more direct, something that is vital for special-needs children.
- Because of the simple interface that touch screens provide, a lot of frustration is eliminated from the learning process.

- Modern touch pads and smart phones have the potential to transform children's education, because almost all children are attracted to them, and their interface is inherently more usable than that of a traditional desktop computer.
- Tablets are easier to handle and portability of the gadget is a big advantage for these children.
- The modern computer technology is focussed on accessibility and limitless flexibility, making it adaptable to any disability.
- However, apps to teach children only succeed if they are designed with an understanding of how children learn.
- This endless opportunity is truly what education should be all about, for everyone.