

# Basic concepts

## **Speech Therapy:**

Is the assessment and treatment of communication problems and speech disorder? It is performed by speech language pathologists (SLPs), which are often referred to as speech therapist.

## **Speech Training Aid:**

Also known as speech generating devices or voice output communication aids; are electronic devices or entire systems which goal is to support people with speech impairments to communicate verbally despite their condition.

“A children’s speech training aid compares a child’s speech with models of speech, stored as sub word acoustic models, or not the child has spoken correctly.”

## **Speech:**

is a human vocal communication using language (the expression of or the ability to express thoughts and feelings by articulate sound?)

## **Physiotherapy:**

The treatment of disease, injury, or deformity by physical methods such as massage, heat treatment, and exercise rather than by drugs or surgery.

## **Ergo therapy:**

A way of treating mental or physical illness by giving patients activities and helping them do things they want or need to do in their normal life.

## **Special Education:**

Also called special needs education.

The education of children who differ socially, mentally, or physically from the average to such an extent that they require modifications of usual school practices.

Special education serves children with emotional, behavioural, or cognitive impairments as deafness, blindness, speech disorder, mental disorder, gifted child, childhood disease and disorder, learning disabilities.

## **Group and Individual Psychotherapy:**

Is the informed and intentional application of clinical methods and interpersonal stances derived from established psychological principles, for assisting people to modify their behaviour, cognitions, emotions, and or other personal characteristics in directions that the participant’s are desirable?

## **Behavioural Therapy:**

Is an umbrella term for types of therapy that treat mental health disorders?

This form of therapy deals to identify and help change potentially self-destructive or unhealthy behaviors.

It functions on the idea that all behavior learned and that unhealthy behaviours can be changed.

### **Logopedic:**

Is a discipline that examines the versatility of normal development of speech, language and communication skills as well as disorders related to these?

The prevention of disorders, rehabilitation and efficiency of rehabilitation.

### **Parent Counselling:**

Is a type of service that aims to provide the necessary knowledge, tools, guidance, and most especially support to parents without bias judgment?

This way, they become more fully equipped to take care of their children.

### **Speech and language pathology:**

is a discipline that studies various communicative functions including voice, speech and language. Also includes functions related to eating and swallowing.

The researchers interest in:

- Neurological communication disorders.
- Voice disorders
- Development of speech, language and communication, especially among bilingual children.

### **Optometry:**

is a healthcare profession that is autonomous, educated and regulated, and optometrists are the primary healthcare practitioners of the eye and visual system who provide comprehensive eye and vision care, which includes refraction and dispensing, detection diagnosis and managing of disease in the eye, and the rehabilitation of conditions of the visual systems.

### **Audiology:**

Audiologist: a health care professional who is trained to evaluate hearing loss and related disorders, including balance (vestibular disorders and tinnitus ringing in the ears) and to rehabilitate individuals with hearing loss and related disorders.