



# SENSORIMOTOR SYSTEMS RELATED TO POSTURE AND MOVEMENT

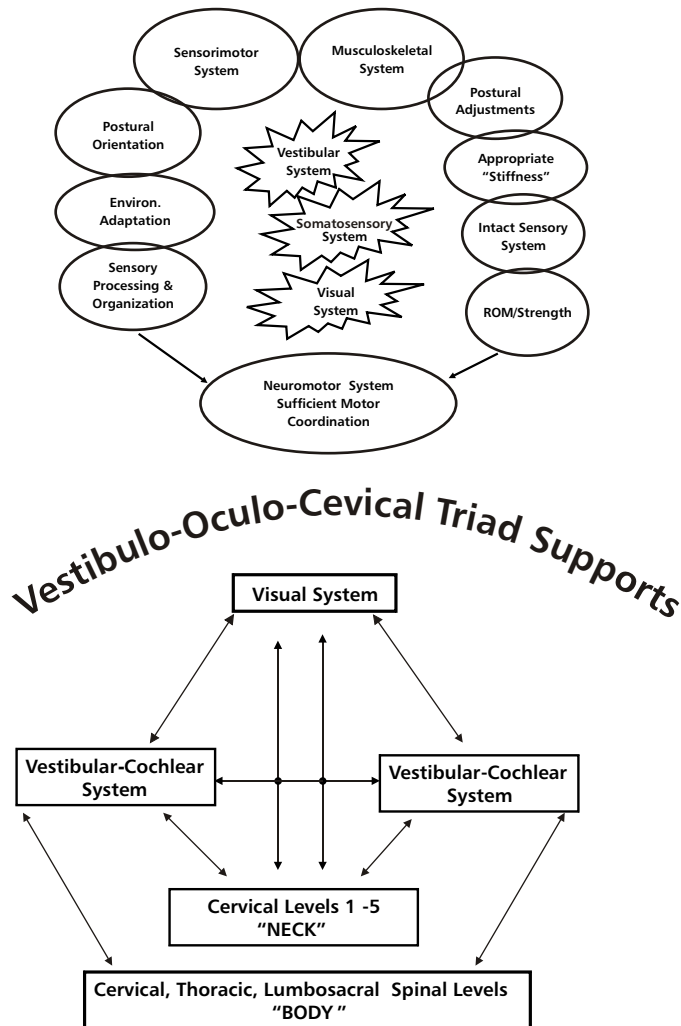
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## Posture and Movement

The work of the child is to develop physical efficiency

Dynamic postural stability is active body control/balance around the core which afford quick, adaptive responses to environmental demands

Balance is the result of interaction between many subsystems





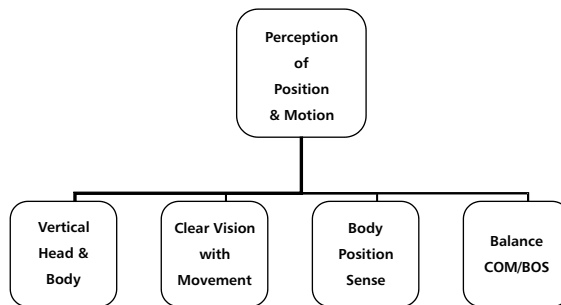
## Vestibular, Ocular, Cervical, Spinal Responses

Vestibular and Ocular Responses are feedforward

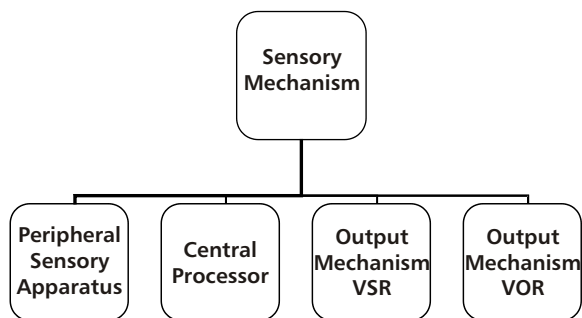
Cervical Responses are feedback, basically a back up system for the vestibular and ocular systems



### Vestibular System

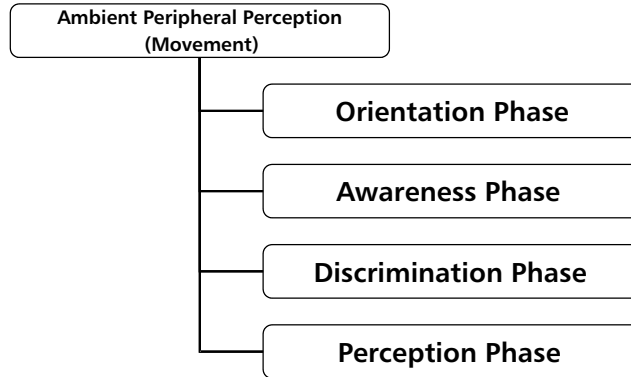


### Vestibular System





## Visual System



## Visual System

