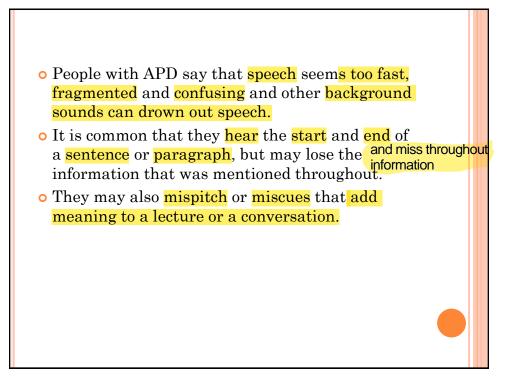


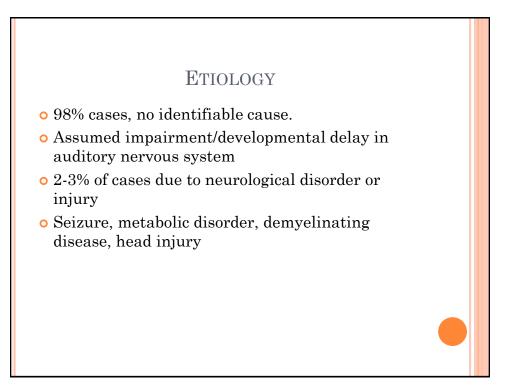


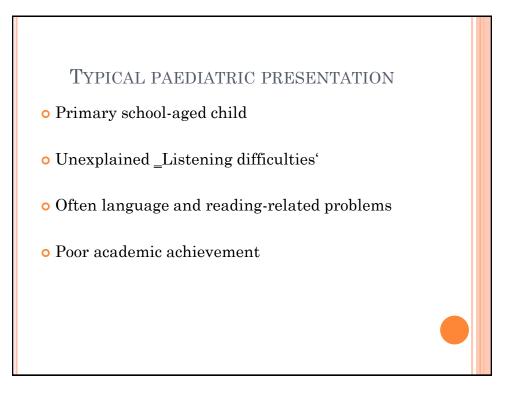
## DEFINITION

• APD is a language-based disorder that affects both spoken and written language, thus affecting a persons learning process.

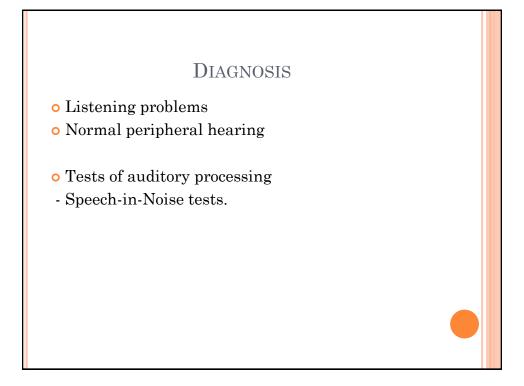
- Normal peripheral hearing
- Impairment in auditory nervous system
- BSA and ASHA definitions: poor recognition, and discrimination
- No problem in listening in quiet
- Difficulty listening in noise
- Association with behavioral, language and reading problems (children)







Difficulties with second in action	
Difficulties with speech in noise	66%
Reading problems	47%
Difficulties with spoken instructions	34%
Spelling problems	37%
Concentration problems	22%
Memory problems	22%
Hyperacusis	19%
Needs TV loud	19%
Pragmatic/social problems	13%
Average number of symptoms reported	3.4 (1.8)



## TREATMENT & MANAGEMENT

• Management (Behavioural & Environmental)

- Classroom acoustics & seating

 $-\operatorname{FM}$  sound system

• Treatment; Auditory/other training

- Auditory discrimination

- SLT-type activities (language, phonological therapy)

- Multi-sensory integration

## APD IN ADULTS

• "Clinical presentation of reported difficulty understanding speech in the presence of noise accompanied by clinically "normal" hearing thresholds, and no other obvious cause".

• Tests of auditory, linguistic, and psychological function.

