

Title	Explain speech production and speech perception in relation to a person impacted by hearing loss		
Level	5	Credits	5

Purpose	People credited with this standard are able to explain: speech production, the impact of hearing loss on speech production, and speech conservation strategies, speech perception, and explain and analyse the impact of hearing loss on speech perception.
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Classification	Health, Disability, and Aged Support > Hearing Therapy
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Available grade	Achieved
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Guidance Information

None.

Outcomes and performance criteria

Outcome 1

Explain speech production.

Performance criteria

- 1.1 Speech production is explained in terms of the anatomy and physiology of the vocal tract.

Range lungs, trachea, larynx, pharyngeal cavity, nasal cavity, oral cavity.
- 1.2 The speech process is explained in terms of respiration, phonation, resonance, and articulation.
- 1.3 Speech sounds are explained in terms of articulators.

Range place – lips, teeth, tongue, alveolar ridge, hard palate, soft palate, mandible;
 manner – plosives, fricatives, approximants, nasals, affricates, vowels.

Outcome 2

Explain the impact of hearing loss on speech production, and speech conservation strategies.

Performance criteria

- 2.1 The impact of hearing loss on speech production is explained in terms of phonation, resonance, intonation, and articulation.
- 2.2 Strategies to assist with the monitoring and conservation of speech production are explained in relation to the needs of the person impacted by hearing loss.

Range may include but is not limited to – auditory exercises, clear speech, feel (tactile) of speech, rhythm and timing exercises, use of technical amplification and feedback from others; evidence of three strategies is required.

Outcome 3

Explain speech perception.

Performance criteria

- 3.1 Speech perception is explained in terms of interpretation and understanding of speech sounds.

Range explanation is in accordance with cognitive theories which may include but are not limited to – acoustic, motor, trace; evidence of two theories is required.

Outcome 4

Explain and analyse the impact of hearing loss on speech perception.

Performance criteria

- 4.1 Speech sounds are explained in relation to their position on the speech spectrum.
- 4.2 The impact of hearing loss on speech perception is analysed in terms of the communication factors.

Range acoustics, speaker, message, listener.

- 4.3 The impact of hearing loss on speech perception is explained in terms of personal factors that may affect speech perception.

Range may include but is not limited to – age at onset of hearing loss, need to use speech, hearing aid history; cognitive ability, neuro-muscular conditions; evidence of three factors is required.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 April 2017	31 December 2025
Review	2	26 September 2024	N/A

Consent and Moderation Requirements (CMR) reference	0024
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Toitū te Waiora Community, Health, Education and Social Services Workforce Development Council info@toitutewaiora.nz if you wish to suggest changes to the content of this unit standard.