Linguistics module

Topic 3 Phonetics

Topic Overview: This topic investigates phonetics as a branch of linguistics that studies how humans produce and perceive sounds.

Key Skills	Communicating Working with others Problem-solving Analytical skills	
Expected time	Two hours (not including extra resources)	
Self-assessment (check with students at the end of the topic)	I understand more about how sounds are made. I can read and write my name, school, hobbies etc in phonetic symbols. I understand a real-life area where linguistics is used (speech therapy). I can analyse the data I was given in the puzzle and draw conclusions	✓ / X

Task 3.1 Description: Students learn about the places of articulation

Learning Intentions	Students will be more familiar with the places of articulation.
Resources	Phonetics slides ppt Worksheet 3.1 Places of Articulation (includes diagram, worksheet and solution) Extra helpful resource to complete above task: Youtube video by IPA Basics : Place of Articulation Resource on Irish language phonology
Task Outline	The teacher should open the phonetics slides to introduce the topic. Break the students into pairs to explore the places of articulation of consonants. Referring to the diagram, students must pronounce a list of words out loud, and fill in the worksheet.

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Task 3.2 Description: Students work in phonetic symbols in pairs

Learning Intentions	Students will be able to write their own name, school and county in phonetic symbols. Students will be able to read and write phonetic symbols.
Resources	Worksheet 3.2 Phonetic Symbols Extra resource to help: A more comprehensive list of IPA symbols can be found at https://en.wikipedia.org/wiki/International_Phonetic_Alphabet
Task Outline	Students are broken into pairs to use the phonetic symbols guide. Students must write their own name, school and county in phonetic symbols in their worksheet. Students have to write down 5 (short!) song titles or books of their choice using the phonetic symbols for their partner to decode. Look up five book titles from your home language or language class and write down their transcriptions. A more comprehensive International Phonetic Alphabet (IPA) is at https://en.wikipedia.org/wiki/International_Phonetic_Alphabet. Irish language phonetic symbols are covered in detail at https://en.wikipedia.org/wiki/Help:IPA/Irish

Task 3.3 Description: The students will be given an articulation test puzzle

Learning Intentions	Students will be able to apply what they have learnt to date about places of articulation (3.1) and phonetic symbols (3.2). Students will understand a real-life scenario where phonetics is used (speech therapy). Students will learn how to go about solving a phonetics puzzle.

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Resources	Adapted new All Ireland Linguistics Olympiad (AILO) Articulation Test Puzzle and Solution
	All puzzles mentioned in this module are at: https://ailo.adaptcentre.ie/tymodpuzzles/
Task Outline	Students are given this adapted new All Ireland Linguistics Olympiad (AILO) Articulation Test Puzzle. Students read the Speech Therapy articulation test data and predict pronunciations. The solution is provided.

Extra Resources	We encourage every school and student to take part in the 2022/23 All Ireland Linguistics Olympiad (AILO). The preliminary round is held in your own school at the end of January with the National Final in Dublin City University in March 2023. Register at https://ailo.adaptcentre.ie/enter/ and try other puzzles at https://ailo.adaptcentre.ie/puzzles/.

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