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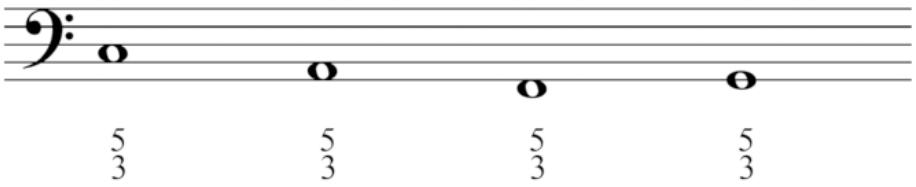
MTO 27.2 Examples: Gates, Developing Musical Imagery

(Note: audio, video, and other interactive examples are only available online)
https://mtosmt.org/issues/mto.21.27.2/mto.21.27.2.gates.html

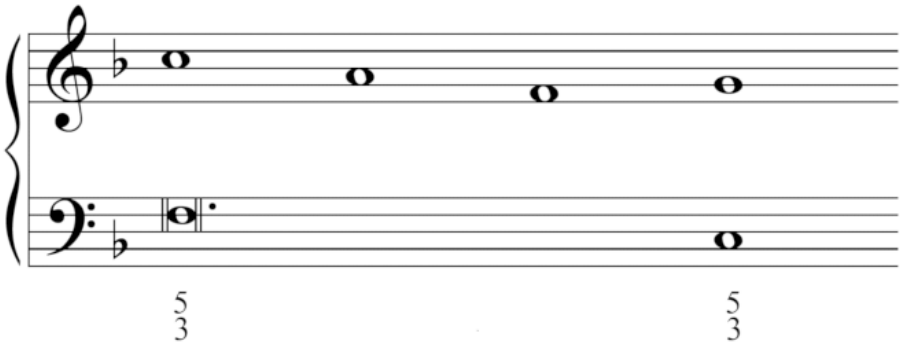
Example 1. CAPTION

C A F G

Example 2. Likely imagined context for scale degrees in C major



Example 3. Likely imagined context for scale degrees in F major



Example 4. Vividness subscale sample question from the BAIS

For the first item, consider the beginning of the song "Happy Birthday."
The sound of a trumpet beginning the piece.____

Vividness Rating Scale

1	2	3	4	5	6	7
No Image Present at all			Fairly Vivid			As Vivid as Actual sound

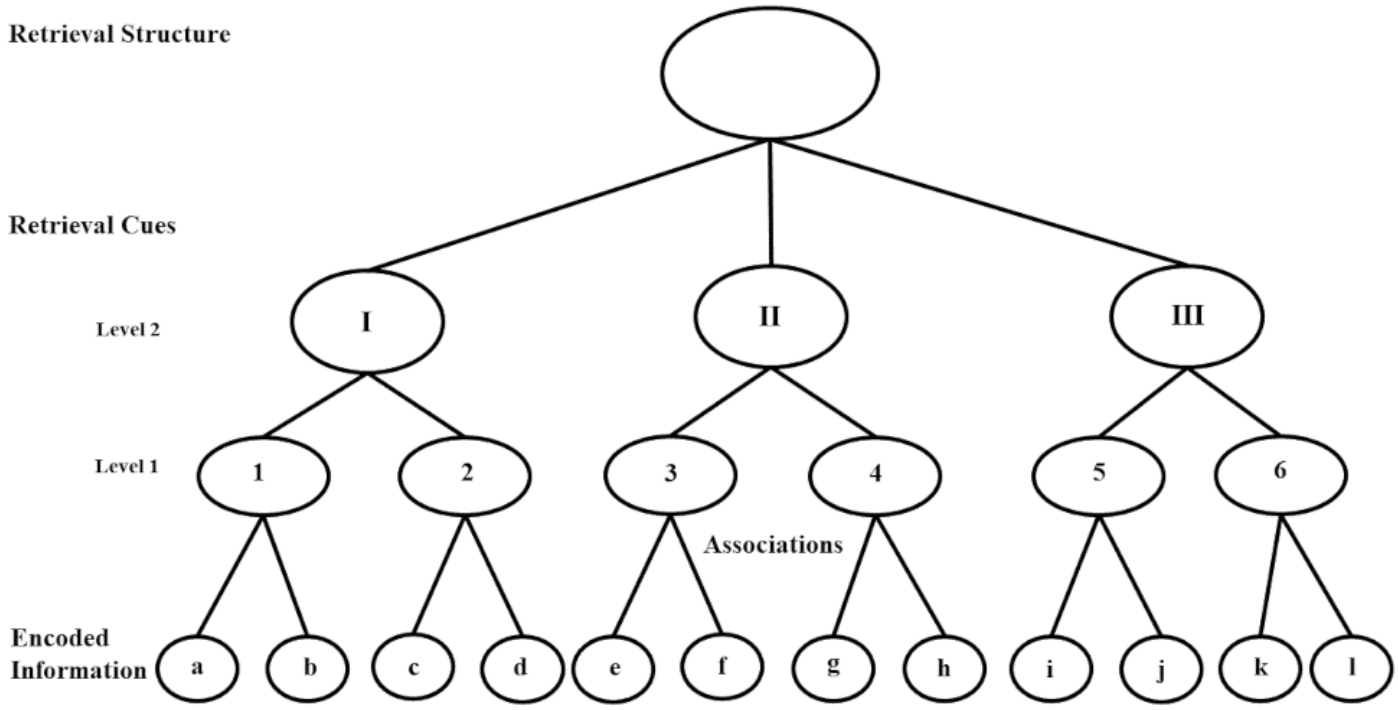
Example 5. Control subscale sample question from the BAIS

For the next pair, consider the beginning of the song "Happy Birthday."
a. The sound of a trumpet beginning the piece.
b. The trumpet stops and a violin continues the piece.____

Ease of Change Rating Scale

1	2	3	4	5	6	7
No Image Present at all			Could change the image but with effort			Extremely easy to change the image

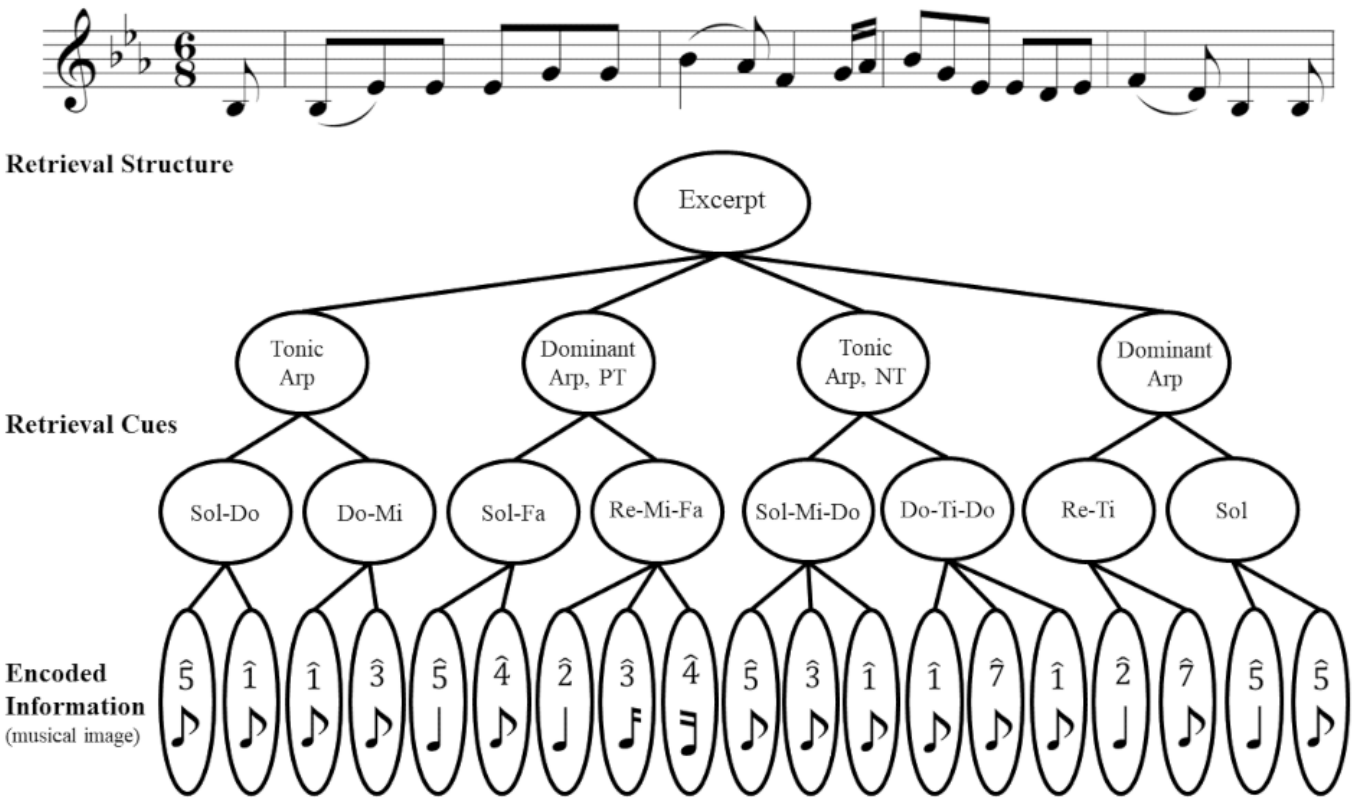
Example 6. Sample retrieval structure adapted from Ericsson and Kintsch (1995)



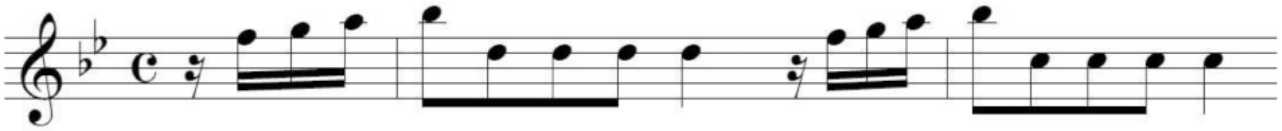
Example 7. Aural skills activities positioned as LTWM acquisition including changes in relevant imagery properties (vividness and control)

Aural Skills Imagery Development Category	LTWM Model (Ericsson and Kintsch 1995)	LTWM Function	Neurological Change (Guida *et al.* 2012)	Relevant Imagery Properties
Content Acquisition	LTM Encoding (Semantic/Meaningful Encoding)	Chunk Formation	Reduction in Brain Activity	Vividness
Imagery Quality (e.g. Tonal Imagery)		Chunk Relationships and Associations		
Methods for Image Generation	Cues in Retrieval Structure	Cues for Retrieval and Maintenance		
Doing Things with Imagery	Acquiring LTWM	Speeding up LTM Encoding and Storage	Functional Reorganization	Control

Example 8. Potential retrieval structure for sight-singing Mozart, Horn Concerto No. 2, movement III, mm. 1–4



Example 9. Application of the vividness rating scale to sight-singing assessment



Vividness Rating Scale:

Rate how vivid (on average) your inner hearing of this excerpt is:

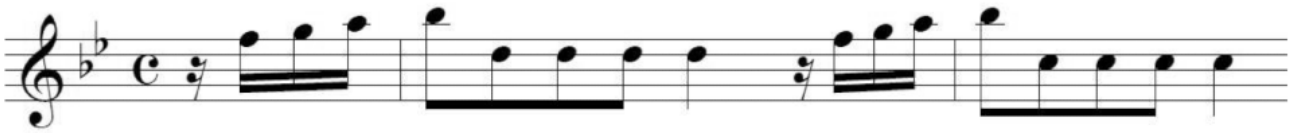
1	2	3	4	5	6	7
No Image Present at all			Fairly Vivid			As Vivid as the Actual sound

Rate how consistent the vividness of your inner hearing is over the excerpt:

1	2	3	4	5	6	7
Not consistent (varies a lot)			Somewhat Consistent			Very Consistent (the same throughout)

If the vividness of your inner hearing changes a lot over the excerpt, please indicate on the score where you can and cannot inner hear sound.

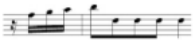
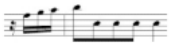
Example 10. Application of the control rating scale to sight-singing assessment



Control Rating Scale:

How quickly are you able to generate a sound image of the excerpt?

1	2	3	4	5	6	7
No Image Present at all			Took several repetitions			Could hear it right away

The first two measures of the excerpt are similar, but not the same. Please rate how easily it is to change your inner hearing from the first idea  to the second one 

1	2	3	4	5	6	7
No Image Present at all			Could change the image but with effort			Extremely easy to change the image