

MUSIC, BRAIN AND LEARNING – ACTIVITIES AT THE SOUND EXHIBITION

Walk through the exhibition and do the exercises, based on the activities that each stand offers you. The activities are related to your listening experiences and the emotional response that they cause. You should also watch some of the explanatory videos – they are in Danish, but hopefully someone in the group can translate it. ☺

Group names: _____

1. THE HAIRDRESSER’S CHAIR

- a. Give some examples of how different kinds of sounds during your ‘haircut’ cause an emotional response in you.

Sound	Response

- b. Give a short explanation of how the 3D sound affects your listening experience.

2. FROM MONO TO MULTI-CHANNEL SOUND

Characterize the way that different sound formats affect your listening experience and emotional response to what you hear.

	Experience	Emotions
Mono		
Stereo		
Surround sound		
Dolby Atmos 3D		

3. FOLEY

Apply different sound effects to some of the situations in the film(s) and describe the different emotional effects that they cause.

Situation	Sound 1	Effect	Sound 2	Effect
1.				
2.				
3.				

4. REVERB ('Rumklang')

Describe how different kinds of reverb (with long and short reverb times) cause different listening experiences.

Room	Experience
1.	
2.	
3.	

5. THE LION QUIZ

Take the quiz and describe the difference in emotional effect on you, depending on from which direction the lion approaches you.

Direction	Effect
From ahead	
From behind	
From the side	

6. LOUDSPEAKER PLACEMENT AND FREQUENCIES

Give a short explanation of the differences in listening experience, depending on how the speaker is placed and which frequencies are dominant.

Placement/frequency	Experience
In the corner (more bass)	
In the room (less bass)	
Increased ('boosted') bass	
Increased mid-range ('mellemtone')	
Increased treble ('diskant')	

Hand in one set of answers per group to SDA after finishing the exhibition.

During the last 10 minutes of the lesson, you are to answer a question sheet from the museum staff.