CLASSROOM ACOUSTICS OBSERVATION¹

Date Surveyor			
School Room Teacher			
A classroom observation is a preparatory step for making classroom acoustics in observation provides information about acoustic parameters of the classroom a instruction, seating arrangement and the status of communication access. If incisituation should be referred to the educational audiologist for further assessment assessment and Noise While people are not present in the classroom, listen for the following condition of potentially excessive levels of noise.	as well as flicators ar	the style of e present,	the
Classroom Features	Yes	No	
Heating and ventilation system is audible			
Mechanical equipment must be turned off during important lessons			
Noise from playground is audible Noise from automobile traffic is audible			
Noise from automobile traffic is audible Noise from air traffic is audible			
With heating and ventilation system turned off, sounds from other classrooms,			
learning spaces or hallway are audible			
Reverberation is sound reflections form the surfaces of a room. Reverberation is volume of the room and the absorptive characteristics of the materials making floors, and ceilings. Check the classroom for the following surfaces: a "yes" is a high reverberation times.	g up the o	lassroom v	walls,
Classroom Features	Yes	No	
A hard surface, flat ceiling without acoustic ceiling tiles			
Ceiling height is over 11 feet			
Acoustic ceiling tiles have been painted Walls are constructed of sound reflective materials (e.g., plasterboard,			
concrete, wood paneling)			
Floors are constructed of sound reflective materials (e.g., concrete, tile, wood)			
Classroom Information Current Technology in the Classroom (if used) □ Personal Remote Microphone System Number of students	Model		
☐ Classroom Audio Distribution System (CADS) Type			
Teacher to Listener Distance: Nearest Ft Farthest			
	Ft		
<u>Classroom Style:</u> □ Traditional □ Open □ Portable/Relocatable	Ft		
<u>Classroom Style:</u> □ Traditional □ Open □ Portable/Relocatable <u>Primary Instruction Style:</u> □ Lecture □ Large Group □ Small Group □		Other_	

¹ C.D.Johnson 2023. Adapted from C. D. Johnson, D. Ostergren, and J. Smaldino (2010) from Acoustic measurements in classrooms by J. Smaldino, C. Crandell, & B. Kreisman, 2005. In *Sound Field Amplification,* Crandell, Smaldino, & Flexer (Eds.) p. 131. Thomson Delmar Learning.