

# 6

## Reasons a Classroom Audio System Benefits Teachers and Students

1

### Overcome High Ambient Noise Levels

Classroom audio systems help overcome ambient noise levels and distribute the teacher's voice at the same level throughout the classroom, allowing **students** to hear the teacher **regardless of where they are seated**.



2

### Improve Attention and Time on Task

When a teacher's voice is amplified **5 to 15** decibels above ambient noise, articulation and speech intelligibility are enhanced, **better capturing students' attention** and suppressing their sensitivity to the sounds and movements within the classroom.



3

### Increase Class Interaction and Participation<sup>1</sup>

Students become **motivated to participate in classrooms that use a classroom audio system** because they have a **consistent understanding of expectations**, leading to an increase in enthusiasm and a greater desire to read out loud or give oral reports.



4

### Reduce Behavior Problems

The use of classroom audio can **reduce stress** within the classroom, resulting in a **decrease in behavior problems**, better responses to verbal correction and easier overall management and control of classrooms.



5

### Diminish Teachers' Vocal Fatigue and Throat Illness<sup>2</sup>

Schools that use classroom audio systems report **8% to 13%** lower teacher absenteeism due to voice and throat problems.



6

### Improve Academic Test Scores<sup>3</sup>

Amplifying a teacher's voice can result in reading and language test score **improvements** for students at all elementary levels.



**Distractions in the classroom are inevitable, but technology can help keep your students' attention.**

Using an audio system can grant teachers more control with less effort, overcoming the hassle of constantly raising his or her voice to gather a classroom's attention. Lightspeed has the technology to help increase engagement, learning and collaboration among students. To learn more about our products, visit [lightspeed-tek.com/products](http://lightspeed-tek.com/products).

Sources:

1. (Allen & Patton 1990a) Allen, L. & Patton, D. (1990a) Effects of Sound Amplification on Students' On-Task Behavior.
2. (Allen, L. 1996a) Allen, L., Dubuque, Iowa Public Schools Report, 1996.
3. (MARRS Project, 2005b) Mainstream Amplification Resource Room Study retrieved from <http://www.marrs-study.info/marrs-study.htm>

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