



## IMPACT OF DAYLIGHTING ON STUDENT AND TEACHER PERFORMANCE

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### Abstract

In this study, It was aimed to determine the factors of daylighting, which is one of the significant dimensions of green schools, affecting student and teacher performance. For this aim in mind, the literature was reviewed and the existing situation was put forward as it is. It is a descriptive research. When compared to traditional schools, “green schools” present a healthier environment and have the lowest operation costs and negative effect on environment. A green school should have a great access to daylight, high indoor air quality, good acoustics and comfortable temperature. Light affects people’s performance and health through visual and circadian systems. Students who attend daylight green schools demonstrate higher achievement, and higher attendance rates than students who attend traditional schools using electricity for lighting. It was found that daylighting has positive effects on teacher’s motivation, job satisfaction and absenteeism.

**Key Words:** Green School, Daylighting, Artificial Lighting, Student Achievement, Teacher Performance.