

ABSTRACT

Abstract: *This study focuses on the interior redesign of Trenmatika Islamic Boarding School using a human behaviour approach. Trenmatika Junior and Senior High School, also known as Pesantren Matematika, is a boarding educational institution that integrates the traditional pesantren curriculum with the formal school curriculum, combining modern pesantren concepts with both scientific knowledge and Islamic values. The research methods include direct observation, interviews with administrators and students, as well as literature review. The behaviour-based design approach was chosen because space is viewed as an element that influences and responds to user behaviour. The design results show that focusing on the needs and behaviours of users enhances comfort, the effectiveness of teaching and learning processes, and supports the internalization of fundamental Islamic values aligned with the school's vision and mission. The theme "Character Growth Space" is applied through the use of neutral and soft colors, natural materials, and educational visual elements to foster a supportive and nurturing learning environment.*

Keywords: *Interior, Character, Learning Environment, Comfort, Islamic Value*