

ABSTRACT

A safe, comfortable and flexible learning environment is a key requirement in supporting early childhood learning. This research aims to design a modular desk that can improve the effectiveness of the teaching and learning process at POS PAUD Cihaurgeulis. This table design implements visual strategies with an approach to color, shape, and pattern elements that are attractive to children, as well as modular connection techniques such as Sash Window Latch to facilitate configuration and arrangement of classrooms. The research method used is qualitative with data collection techniques through interviews and observations of the Principal and teachers at POS PAUD Cihaurgeulis. The findings showed that the previously available desks had constraints such as being heavy, less secure, and inflexible, limiting creativity in classroom organization. With the new modular design, the desks can be detached and organized according to learning needs. SCA in the SCAMPER method is used as a design method to create an innovative modular table according to the needs of the POS PAUD Cihaurgeulis classroom. Thus, this desk design can be a solution so that teachers can organize the classroom layout more flexibly and efficiently.

Keywords: modular, locking, design, furniture, early childhood education