

ABSTRACT

Traffic parks are the best place for family recreation. There are many children's playgrounds and also a comfortable place to relieve stress. There is one vehicle that children are most interested in, namely children's bicycle rides. But there are problems when parents are encouraging and guiding their children who are learning to ride a four-wheeled bicycle. They feel uncomfortable when they have to bend when pushing their children to ride. Therefore, the design of children's bicycle thrusters will be carried out to facilitate parents in guiding their children who are learning to ride bicycles. The method that will be used is a mixed methods by collecting data by conducting observations, interviews and questionnaires in the field with a comparative approach. There are various types of four-wheeled bicycles on children's playgrounds. Therefore, there are problem constraints when designing children's bicycle thrusters so that this product is more focused on the design of thrusters that can be applied to share the types of four-wheeled bicycles in there. From the results of this paper, conclusions can be drawn, namely by designing a bicycle push tool for children who have a joining system for four-wheeled bicycles in this traffic park that will make it easier for parents to guide their children who are learning to ride bicycles.

Keywords: Rides playing children's bikes, four-wheeled children's bikes, mixed methods, designing joining systems, children's bicycle pushers.