

## ABSTRACT

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*Creation of multimedia applications for education are much in demand is to use Adobe Flash. Previous teaching and learning activities that only a verbal instruction in the classroom with the help of the board. Especially for subjects of Sciences for Junior High School 8 grade material and tissue structure plant, so that students do not understand the contents of the material presented. To that end, the need for applications that describe the structure and plant tissue with animation and visualization, as well as quizzes to train the student's ability. Processing method used is the method ADDIE. Some of the tools used in the manufacture of application, namely Adobe Flash CS6, Blender, Adobe Photoshop CS6, Adobe Illustrator CS6, Format Factory and Audacity. This research was conducted to junior high school students of class VIII to the number of participants as many as 30 people. Then the application testing by providing questionnaires to teachers and students. From the results of the questionnaire can be concluded that the majority of respondents expressed interest, easy to administer, can help the process of learning activities.*

*Keywords: Multimedia, Adobe Flash, Structure and Tissue, Application.*