

Application of Animation Techniques and Principles in 2D Animation “Na’an” As an Educational Media about Renewable Energy

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ABSTRACT

As technology advances, so too does the energy consumption of households. The prolonged non-maintenance of usage will result in the depletion of non-renewable energy resources on our planet. In the current era of technological and informational advancement, the media utilized for the dissemination of information and education have also evolved. Animation, in particular, has emerged as an effective medium for conveying knowledge in novel ways. The 2D animation "Na'an" was created with the objective of conveying information about renewable energy and reminding the audience not to waste energy. This research presents a detailed account of the animation techniques and principles that the author employed when creating the 2D animation "Na'an." The objective of this research is to demonstrate the implementation of animation techniques and principles in 2D animation "Na'an" to convey educational and cautionary messages about energy use and renewable energy. By employing qualitative research methods through a literature review, the author can utilize the information to describe the techniques and principles of the 2D animation "Na'an." Aside from literature review, the author also uses observation and analysis of analogous works to ascertain the references that can be utilized in the 2D animation "Na'an." In creating the 2D animation "Na'an," a frame-by-frame technique was employed, whereby each frame was manually drawn without the use of computer assistance. The effectiveness of this approach can be observed in the final product, "Na'an," which was designed to educate the public about renewable energy while incorporating the techniques and principles of animation.

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