

## **ABSTRACT**

### **DEVELOPING THE LEARNING OF PHYSICS SUPPLEMENTARY ON INTERACTIVE VIDEO WITH TVE**

**By**

**Ahmadi**

Based on the researcher's interview toward science physics teacher in SMPN 1 Punduh Pedada, it can be known that many teachers did not use many facilities maximumly such as Laptop, LCD, and TV for learning. Besides that in solar space (KD. 5.2. to describe the sun as the star and the earth for one of planets), the teacher felt difficulties to explain that material concretely, and media of learning was not available. Considering those problems, the researcher developed supplementary learning of interactive video which contains the sun's learning video as star and earth for one of planets, exercise with key answers, and competency test which the saving score for each correct answer. The development method was used in this research to adapt the developing model that according to Suyanto and Sartinem (2009) consist of 7 guidelines procedures of developing: need analysis, identification of natural resources to fulfill necessity, identified specification product needed by users, developing of products, internal test: the test of analysis product, external test: the useful test product by the users and the last step of production. The result of internal test showed that the media has been appropriate for the theories and suitable to be used as media of learning.

*Ahmadi*

The result of external showed that the quality of media was very interesting, very easy use, and very useful with effective to be used with a percentage of 96.97% of KKM. Therefore, it can be concluded that supplementary of learning was the interactive video which has been tested and appropriated to be used with the quality: very interesting, very easy use, very useful, and effective for learning media.

Key words : Interactive Video and TVE.