SCIENCE EDUCATION AWARD'S RECIPIENT

1. **Title** : **My Kitchen is My Lab**
   (Usage of Kitchen Equipment and Materials to Demonstrate Scientific Principles in Science)

2. **Subject** : Chemistry

3. **Receiver**

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4. **Proposal Summary** :

Regarding to Depdiknas (2006), scoop of Natural science (IPA) is not only mastering of knowledge in the form of a collection of facts, concepts, or principles, but also represents a process of discovery through experiments. The reality on the ground shows, there are still many schools that have difficulty providing the tools and lab materials due to the price are expensive and difficult to get. Therefore it is not surprising and very common for many science teachers gave their teaching in a monotonous way and limited only in transfer of knowledge. One way to overcome the above problems is to develop simple science lab activities. Tools and experiments developed in this activity using the tools and materials originating from the kitchen. The materials used are easily available and the price is relatively cheap so lab activities can be perfectly held. Due to the equipment and materials used for the lab came from the students surrounding, these activities are expected to stimulate and increase students' motivation to learn and applying it in daily life. Some of the lab activities that have been conducted are evidentiary characteristics of chemical reactions, acids and bases test, test food substance, making flood detector, a simple spirometer, kitchen percussion, water rockets, and other. The results showed that the level of creativity of students increased following by increasing in the average value of daily tests on related material.