

Implementation of the Science- based Learning Model MaHMud (Fun, Warm and Easy) in PAUD SIAGA of Cimahi City

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The purpose of this study is to explain and describe the application of the MAHMUD learning model:

1. The Daily Lesson Plan (RPPH);
2. The development of teaching materials and strategies used by the teacher in the implementation of learning;
3. Evaluation of learning.

The MaHMud Model (Fun, Warm and Easy)

MaHMud is based on fun learning process, warm teaching delivery, and easily implemented materials

PAUD SIAGA ???

- The MaHMud learning model has been applied in PAUD SIAGA of Cimahi City.
- Learning activities that are consistent with the scientific characteristics that aim to find the right technology have delivered.
- The PAUD SIAGA of Cimahi City as a Pilot School Laboratory of PP-PAUD and Dikmas Regional I Bandung.

How Children Learn Science ????

- The concepts with the real-world phenomena and hand-on experiments.
- Concrete Level
- Playing while learning. Fun learning is a learning process that involves positive emotions, involving feelings in this situation can greatly affect the quality and quantity of one's learning.

MaHMud Learning Model Planning

- In formulating planning learning activities in PAUD Siaga, the teachers refer to the 2013 PAUD Curriculum
- Some science lesson planning activities are integrated with other learning, including:
 1. Planning themes and sub-themes
 2. Semester programs,
 3. Weekly Lesson Plans (RPPM)
 4. Daily Lesson Plans (RPPH) which includes determining the material and learning activities in accordance with the themes / sub-themes for achieving the basic competencies chosen along with the assessment plan.

Planting learning activities using hydroponic techniques are written in RPPH as follows:

1. Themes / sub-themes : Plants / Vegetable plants
2. Basic Competence : 3.8. To get the students to know the natural environment
4.8. Presenting various works related to the natural environment.
3. Material : - To know various shapes and colors of leaves and roots.
- How to plant and care the plants.
4. Tools and Materials: used plastic bottles, small cups, flannel, sponge, fuel husk, liquid nutrients, water, and vegetable plant seeds
5. Opening activities
6. Core activities: Activities of observing, asking, gathering information, reasoning, and communicating.
7. Closing activity
8. Assessment plan

TOOLS AND
MATERIALS
Planting learning
activities using
hydroponic techniques





Implementation of the MaHMud Learning Model

- The strategy applied in implementing science learning at PAUD Siaga is the MaHMud Model through a scientific approach
- The method used in implementing vegetable planting with hydroponic techniques is the demonstration method (showing doing and telling)

OBSERVING

- The teacher encourages children to use their senses to observe materials and media that will be used for planting with hydroponic techniques.

QUESTIONING

- The teacher gives enough time so the children ask questions either through words, facial expressions or gestures.

GATHERING
INFORMATION

- the teacher demonstrates planting with hydroponic techniques so that the children continues to explore the method of planting

REASONING

- The teacher clarifies the knowledge obtained by the children by comparing, such as planting done with soil and with hydroponic techniques.

COMMUNICATING

- the teacher gives the child the opportunity to communicate what has been known regarding planting with hydroponic techniques and the child shows the results of his work.



**The Opening
activities;
Circle Time, etc.**



Observing and Questioning

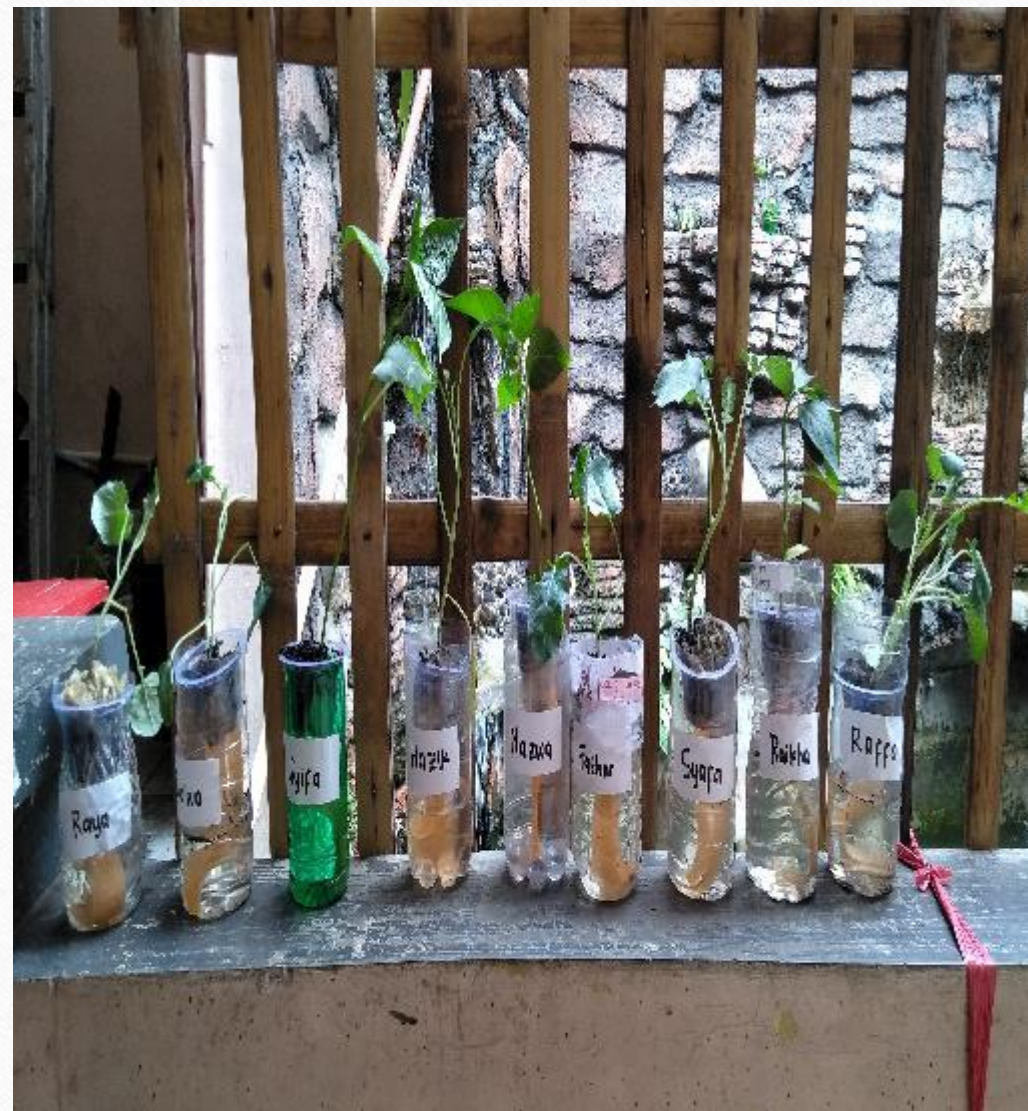




Gathering Information









The results of science learning with the MaHMud Model to foster children's critical thinking skills and help children understand the world around them.

THANK YOU..