EMERALD ROYAL INTERNATIONAL SCHOOL

LESSON NOTE/PLAN FOR WEEK 2 ENDING 9TH MAY 2025

Term: third term

Subject: basic science

Topic: quality and uses of water

Sub-topic: making water pure

Date: 22-03-2025

Duration: 40 minutes

Time:11:50-12:30

Period:6th

Class: grade 2

Average age: 6 plus

Sex: mixed

Learning objectives: by the end of the lesson, the pupils should be able to:

1. State the meaning of water purification
2. List the common methods of making water pure
3. Highlight the process of evaporation

Rationale: for pupils to list how to make water pure.

Previous knowledge: pupils have learn about the meaning of water in the previous class

Instructional materials: muddy water, alum

Reference: Foundations Of Basic Science and Technology, book 3. by Chis Ijiyemi

LESSON DEVELOPMENT

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| Stages | Teachers activities | Pupils activities | Learning point |
| Introduction | The teacher introduces the lesson by asking the pupils to say the meaning of water. | Pupil answer the question ask by the teacher | To prepare pupils mind for learning. |
| Presentation  Step 1 | **The methods of making water pure so that it can be safe for drinking and be useful for other purposes are called “water purification”.** | The pupils say the meaning of water purification. | To help pupils participate in the class |
| Step 2 | The teacher guide the pupils to mention common methods of making water pure.   1. Boiling: boil water and allow to cool before drinking. Boiling kills germs in the water. 2. Filtration: filter water to remove dirt and suspended particles. 3. Add little alum 4. Adding little quantity of disinfectant: e.g Izal, Dettol, TCP etc. These chemicals kill germs and make water fit for use. 5. Adding chlorine: chlorine also kill germs. It is used mainly in large water purification process e.g water corporation. | Pupils participate in the class discussion. | To help pupils acquire knowledge. |
| Step 3 | Process of evaporation  By evaporation, the water component of a solution (solvent) turns to steam, leaving in the boiling container the dissolved particles (solute).  Process of evaporation:   1. Evaporation at home 2. Evaporation in the school 3. Condensation of water | The pupils pay close attention to the teacher’s explanation. | To ensure proper understanding of the point. |
| Summary | The teacher summary the lesson going through the topic again. | Pupils ask questions where they are not clear. | To help pupils get clarification where they are not clear |
| Evaluation | The teacher evaluates the pupils by asking them question on the treated point.   1. What is water purification? | The pupils answer the teacher’s question. | Assessment |
| Conclusion | The teacher guide the pupils in copying the note on the board into their exercise books and submit for marking. | Pupils copy and submit their notebooks for marking | Venting |
| Assignment | List 5 common methods of making water pure. | Pupils do their home work at home. | To encourage learning at home |



Approved as a working document

Dep. Head Academics

09/5/25