Lesson plan/ note for week 3 ending, 27th January, 2023

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| Term | 2nd term |
| Week | Week 3 and 4 |
| Date | 24th/26th January, 2023 |
| Class | JSS 1 |
| Subject | Basic science |
| Topic | Energy and society |
| Sub-topic | Importance of energy to the society |
| Period | 3rd/4th |
| Time | 9:30-10:10am |
| Duration | 40 minutes |
| Number in class | Seventeen |
| Average age | 11 years |
| Sex | Mixed |
| Specific objectives | By the end of the lesson, the students should be able to:  1.List the sources of energy.  2.Explain the impact of insufficient energy on the society.  3.State the importance of energy to the society. |
| Rationale | To enable students understand the impact of insufficient energy as well as the importance of energy to the society. |
| Previous knowledge | Students are familiar with the sources of energy. |
| Instructional resource | Picture and charts from textbook. |
| Reference material | Excellence in Basic Science and Technology for JSS 1 by Olushola Felix Bello et al. |

LESSON DEVELOPMENT

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| Steps | Teacher’s Activities | Students’ Activities | Learning Point |
| Introduction | Teacher revises the previous lesson | Students pay attention | To arouse students’ interest |
| Step I | Teacher asks students to list the sources of energy | Students respond to teacher’s question | To encourage critical thinking |
| Step II | Teacher explains the impact of insufficient energy on the society | Students pay attention to teacher’s explanation | To keep students focus on the lesson |
| Step III | Teacher guides students to state the importance of energy to the society. Teacher explains the importance of energy to the society | Students take part in class discussion | To encourage active participation in classroom |
| Board summary | Energy and society  Impact of insufficient energy on the society  Nigeria had difficulty producing sufficient power for its increasing population. The problems are:  1.Inadequate gas supplies to power plants.  2.Insufficient capacity for power generation.  3.Insufficient power distribution  These problems has affected the industrial, technological and economic activity of the society. For example, if there is scarcity of fuel, many production companies who depend on fuel for production will not be able to produce. The few of them who are lucky to get fuel for production will increase the price of their produce and everyone in the society will feel the impact.  Many Nigerians rely on electricity for power supply. Many young people who have been trained for technical and engineering jobs such as welders, electricians, etc. look for other employment opportunities since these careers depend on electricity and there is frequent power shortage.  Importance of energy to the society  1.Energy is used in industries to manufacture useful goods.  2.It is required for communication.  3.It is important for all means of transportation.  4.Energy is the source of job for many people.  5.The revenue from energy is important for the development of the nation. | Students copy the note. | To serve as reference point to students. |
| Evaluation | Teacher asks students the following questions:  1.List four sources of energy.  2. Explain the impact of insufficient energy on the society.  3.State three importance of energy to the society. | Students respond to teacher’s questions. | To ascertain students’ understanding of the lesson. |
| Conclusion | Teacher assesses students and make corrections where necessary | Students take correction | To ensure a better understanding. |
| Assignment | State two ways through which lack of energy supply affects societal development. | Students copy the assignment. | To engage students at home. |