

THIRD TERM E-LEARNING NOTE

SUBJECT: BASIC SCIENCE

CLASS: JSS3

SCHEME OF WORK

WEEKS	TOPICS
1.	REVISION
2.	MAN IN SPACE
3.	OUR DISAPPEARING FOREST
4.	CONTROLLING THE WEATHER
5.	FAMILY LIFE EDUCATION
6 – 13	REVISION AND EXAMINATION

WEEK 1

Date:.....

REVISION OF LAST TERM'S WORK

WEEK 2

Date:.....

TOPIC: MAN IN SPACE

FEELING OF MAN IN SPACE

When a man stands on the floor, his weight acts down on the floor and the floor acts back on the man with a reaction equal in magnitude to his weight. The man feels the reaction from the floor and this makes him aware of how heavy he is. He could actually read his weight by standing on a bathroom-weighing machine. The machine records the value of the reaction on him. If the man carries the machine into a lift and stand on it, the machine gives the same as before for his weight.

The earth is surrounded by a layer of air called atmosphere. This atmosphere is divided into about four regions namely troposphere, stratosphere, ionosphere, and exosphere. The place beyond the atmosphere which is extremely large is called space.

EVALUATION

- (1) What is the name given to a layer of air that surrounded the earth?
- (2) What is the place beyond the atmosphere called?

SUBTOPIC: GRAVITATIONAL FORCE

Gravitational force is a force which attracts bodies towards the earth.

When you throw any object up, it is observed that the object is forced back to the ground. This also accounts for why fruits fall to the ground from the tree, and do not rise upwards again. The earth is behaving like a magnet
Gravity...