

Fun & Easy Basic Science for JSS1

(Course Outline – 8 Weeks)

Instructor: Okunlola Mujidat Abiola

Qualification: B.Sc. Biology Education, NCE Biology / Special Education

Mode: Virtual / Physical.

Target Students: JSS1

8-Week JSS1 Course Outline:

Week 1: Introduction to Science

- What is Science?
- Safety in the Laboratory / Classroom
- Scientific Tools & Equipment

Week 2: Cells and Living Things

- Basic structure of plant and animal cells
- Differences between plants and animals
- Simple diagrams & observations

Week 3: Plants

- Parts of plants: root, stem, leaves, flowers
- Functions of each part
- Importance of plants in everyday life

Week 4: Animals

- Classification of animals (mammals, birds, reptiles, etc.)
- Adaptations for survival
- Observation and simple sketches

Week 5: Matter and Materials

- Solids, liquids, gases
- Properties of common materials
- Simple experiments at home

Week 6: Energy, Light, and Sound

- Forms of energy (light, heat, sound, mechanical)
- Sources and uses of energy
- Simple demonstrations of light and sound

Week 7: Water, Air, and Weather

- The water cycle
- Importance of air
- Weather patterns and basic observation

Week 8: Revision & Assessment

- Short quizzes and fun exercises
- Recap of all topics
- Encourage questions and practical demonstrations