

	AVERAGE	ADVANCED	EXCELLENT
SCIENTIFIC ENQUIRY	1. Make careful observations including measurements. 2. Ideas that may be tested. 3. Assessed appropriate apparatus and using it correctly.	1. Identifying appropriate evidences from the scientific observations. 2. Assessing the scientific knowledge. 3. Present results in the form of tables, bar charts and line graphs.	1. carry out investigations. 2. Make conclusions from collected data, including those presented in a graph, chart. 3. Consider explanation for predictions using scientific knowledge. 4. Present conclusions using different scientific methods
BIOLOGY	1. Recognize the parts of human organs system and plant organs. 2. Identifying the minimum characteristics of living organism. 3. Identifying the structures of plant and animal cells. 4. Understand what is mean by species.	1. Understanding the parts of human organs system and plant organs. 2. Knowing the functions of each and every part of the major organ systems of the human body; 3. Understanding the characteristic features of living organism. 4. Know about the role of micro-organisms in the breakdown of organic matter, food production and disease. 5. Knowing the difference between plant and animal cells. 6. Understand that cells can be grouped together to form tissues, organs and organisms;	1. Deep understanding and mechanism of each and every part of human organ systems and plant organs. 2. Relate the structure of some common cells to their functions. 3. Describe how organisms are adapted to their habitat. 4. Discuss positive and negative influence of humans on the environment.
CHEMISTRY	1. Recognize different states of matter. 2. Know about the changes of state	1. Know about the different states of matter 2. Recognizing the particle theory of matter	1. Deep understanding of states of matter and changing the state of matter.
PHYSICS	1. Definition and unit of force and motion.	1. Know about the different types of forces and its importance.	1. Deep understanding the different types of forces and its importance. 2. Know and understanding the weight, friction, and air resistance.

	AVERAGE	ADVANCED	EXCELLENT
SCIENTIFIC ENQUIRY	<ol style="list-style-type: none"> 1. Make careful observations including measurements. 2. Ideas that may be tested. 3. Assessed appropriate apparatus and using it correctly. 	<ol style="list-style-type: none"> 1. Identifying appropriate evidences from the scientific observations. 2. Assessing the scientific knowledge. 3. Present results in the form of tables, bar charts and line graphs. 	<ol style="list-style-type: none"> 1. Carry out investigations. 2. Make conclusions from collected data, including those presented in a graph, chart. 3. Consider explanation for predictions using scientific knowledge. 4. Present conclusions using different scientific methods 5. Suggest ideas that may be tested
CHEMISTRY	<ol style="list-style-type: none"> 1. Compare metals and non-metals. 2. Use indicators to distinguish between acid and alkaline solutions. 3. Use of pH scale. 	<ol style="list-style-type: none"> 1. Compare metals and non-metals and their properties. 2. Know how to make a neutral solution 3. Understand of neutralisation, indicator dye. 	<ol style="list-style-type: none"> 1. Deep understanding of metal and non-metal and their properties. 2. Deep understanding of neutralization and some of its applications. 3. Deep understanding of acid, alkalis and pH scale for identifying their nature.
PHYSICS	<ol style="list-style-type: none"> 1. Definition and unit of force and motion. 2. Recognise different types of energy. 	<ol style="list-style-type: none"> 1. Know about the different types of forces and its importance. 2. Recognise different types of forces and how they transfer the energy. 3. Understand that energy cannot be created nor destroyed and that energy is always conserved. 	<ol style="list-style-type: none"> 1. Deep understanding the different types of forces and its importance. 2. Know and understanding the weight, friction, and air resistance. 3. Discuss about energy sources and distinguish between renewable and non-renewable resources using them consciously.

	AVERAGE	ADVANCED	EXCELLENT
SCIENTIFIC ENQUIRY	<ol style="list-style-type: none"> 1. Make careful observations including measurements. 2. Ideas that may be tested. 3. Assessed appropriate apparatus and using it correctly. 	<ol style="list-style-type: none"> 1. Identifying appropriate evidences from the scientific observations. 2. Assessing the scientific knowledge. 3. Present results in the form of tables, bar charts and line graphs. 	<ol style="list-style-type: none"> 1. Carry out investigations. 2. Make conclusions from collected data, including those presented in a graph, chart. 3. Consider explanation for predictions using scientific knowledge. 4. Present conclusions using different scientific methods 5. Suggest ideas that may be tested
CHEMISTRY	<ol style="list-style-type: none"> 1. Know rocks minerals and soils 2. Know of weathering and moving rocks 3. Know fossils 4. Know simple models of the internal structure of the Earth 	<ol style="list-style-type: none"> 1. Know about the different types of rocks minerals and soils. 2. Know the importance of weathering and moving rocks 3. Knowledge of different types of fossils 4. Relate the fossils to the Earth 	<ol style="list-style-type: none"> 1. Deep understanding the different types of minerals, rocks and soils 2. Know and understanding the importance of weathering and moving rocks relating to human life 3. Deep understading the different types of fossils and their environment 4. Discuss the fossil record as a guide to estimating the age of the Earth 5. Learn about most recent estimates of the age of the Earth
PHYSICS	<ol style="list-style-type: none"> 1. Know the movement of the Earth 2. Know the theories and discoveries of Copernicus and Galileo 3. Know the Solar System and the stars . 	<ol style="list-style-type: none"> 1. Describe how the movement of the Earth causes the apparent daily and annual movement of the sun and the stars 2. Describe the impact of the ideas and discoveries of Copernicus, Galileo and more recent scientists 3. Understand the moving planets and know that the sun and other stars are sources of light 	<ol style="list-style-type: none"> 1. Indept knowledge about how the movement of the Earth causes the apparent daily and annual movement of the sun and the stars 2. Deep understanding the impact of the ideas and discoveries of Copernicus, Galileo and more recent scientists 3. Deep understanding about moving planets and discuss about the sun and other stars as sources of light