

Primary six

Science Plan 20...../20.....

First Term

Domains	Learning out comes	Contents	Strategies	Activities	Assessments	Evidence
- Systems -Support systems - Integration of living organism body	-Investigate and collect evidence that supports the idea that living organisms are made of cells. -Develop a model to describe the function of a cell as a whole. -Deduce that parts of cell contribute to the overall function. -Argue from evidence that living organisms are made up of either one cell or many different numbers and types of cells. -Compare between animal cell and plant cell	*Unit One systems *Chapter One The cell as a system	-Brain storming -Discovery Experimentation -Solve problems -Peer learning -Silent videos -Individual learning -Bullying balls -T. P. S -Snake and ladder -Modelling -pop corn -Solve problems -.....	- Use microscope to examine models of animal and plant cells. -Design a model of animal cell and plant cell. -Build a cell city that differentiate between animal and plant cell.	-Oral questions -Written questions -Exercises -Exit cards -Work sheet - Quiz -..... -.....	-Teacher notes -Student notes -Lab. notes -Work sheets -Student's works -Models and charts of animal cell and plant cell -..... -.....

Teacher

Super visor

Inspector

School principal

Science Inspectorate in Qaluiobia
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Domains	Learning out comes	Contents	Strategies	Activities	Assessments	Evidence
-Living organisms body -Systems and their integration	-Design a model relates between cell, tissues, organs and systems. -Collect evidence that shows that the excretory system is an example of coordination among multiple body systems. -Describe interaction among body systems in work sheet. -Explain the contribute among body systems. -Value the greatest of Allah in living organisms creating.	*Unit One Systems *Chapter One -The body as a system	-Brain storming -Discovery Experimentation -T.P. S -Six hats -Silent videos -Individual learning - Down hands -Technology. L -Sticky notes -Back in Back -Freire model -..... -.....	-Design models of different body systems. - Show experimentally interaction among the body systems. -Use filter paper to design a model of kidneys.	-Oral questions -Written questions -Exercises -M. C. Q -Work sheet -Quiz -..... -.....	-Teacher notes -Student notes -Lab. notes -Work sheets -Models of body systems - Model of kidney and urinary system

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Domains	Learning out comes	Contents	Strategies	Activities	Assessments	Evidence
- systems -Energy -Magnetism	-Classify materials into magnetic and non-magnetic materials. -Differentiate between electric conductors and electric insulators experimentally. -Deduce the function of each component of electric circuit. -Record evidence about the electric and magnetic forces and their strength. -Compare between parallel & series connecting of electric circuits.	*Unit One systems *Chapter Three -Energy as a system	-Brain storming -Discovery Experimentation -Snake and ladder -Peer learning -Silent videos -Individual learning - Find the treasure -T. P. S -Five questions -Tag and war -Modelling -..... -.....	- Do an experiment differentiate between magnetic and non -magnetic materials. -Build model of peace maker by using simple tools. -Design a model of an electric circuit. -Watch a video about work of generator. -Carry out activity that Differentiate between electric conductors and insulators.	-Oral questions -Written questions -Exercises -Cards -Work sheet -Quiz -..... -.....	-Teacher notes -Student notes -Lab. notes -Model of electric circuit - Student works -Work sheets - -..... -.....

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-Energy -Forms of energy -Global warming	-Explain patterns in the movement of particles of different states of matter. -Relate between K.E, P.E& Thermal. E by using factors affecting on them. -Use simple tools of environment to make a model of thermometer. -Record evidence as a scientist about the relation between (temperature, heat & thermal energy) -Deduce the techniques of building bridges, railway roads.	<p>*Unit two</p> <p>Matter & Energy</p> <p>*Chapter One</p> <p>Thermal Energy & states of matter</p>	-Brain storming -Discovery Experimentation -Solve problems -Peer learning -Silent videos -Individual learning - observation -Lucky wheel -Envelope please -Learning games -..... -..... -.....	-Carry out activity to design a model thermometer. -carry out activities to show the effect of changing temperature on the kinetic energy and motion of matter particles. -Watch videos about glass blowing and how to make glass.	-Oral questions -Written questions -Exercises -Cards -Work sheet -Quiz -..... -.....	-Teacher notes -Student notes -Lab. notes -Work sheets -student's works -cards and charts -..... -.....

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Domains	Learning out comes	Contents	Strategies	Activities	Assessments	Evidence
- Energy -Thermal energy	-Differentiate between heat conductors & heat insulators. -Define the ways of thermal energy transfer. -Interpret the conservation of mass during heat transfer. -Discuss with classmates some properties of heat. -Deduce Experimentally that energy can change from one form to another form.	*Unit two Matter & Energy *Chapter Two Heat transfer	-Brain storming -Discovery Experimentation -Solve problems -Peer learning -Silent videos -Individual learning - Learning games -Technology -Out door learning -Flying ball -..... -.....	-Carry out activities to differentiate between heat conductors and heat insulators. -Watching videos about how new materials are made.	-Oral questions -Written questions -Exercises -Exit cards -Work sheet -Quiz -..... -.....	-Teacher notes -Student notes -Lab. notes -Work sheets -Models and charts -..... -.....

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