

Stratergies (Activity and Learning outcomes)

2021-2022

Class –IX

Subject :Biology

Subject teacher :Mrs Uzma Desai

Lesson No	Name of the lesson (topic/unit)	Learning outcomes	Activity
5	The fundamental unit of life	Learning outcome: Students identify the key concepts and key vocabulary terms that deal with the cell structures . Identify and label each key components	Activity Provide students with the page numbers in their textbook and or website pages that deal with the plant cell and animal cell Make sure students don't spend much of the time in making diagrams look pretty. remind them that the point of exercise is to know each part of the different cell and why they are important

6	Tissues	<p><u>Learning outcomes</u> Students will develop sense of responsibility towards the environment . Students will be able to classify the types of tissues.</p>	<p><u>Activity</u> Ask the students to share about the previous knowledge about cellular organization of living organisms . Observe the plants in the locality and identify their leaf structure . Mark the meristematic tissues for the plant located in your garden Observe How much time does it take for blood tissues to get clot .</p>
7	Diversity in living organisms	<p><u>Learning outcome:</u> 1.students analyzed that there is huge difference in the local cows and the jersey cows 2.The tamarind seeds and peas show basic difference 3.monocot plants show tap root system and dicot plants show fibrous root system. 4.<i>Panthera tigris</i> *<i>Pavo cristatus</i> *<i>Fomica fusca</i></p>	<p><u>Activity:</u> Study about the differences between desi cows and jersey cows Classify aquatic organism in a workbook Soak the seeds of green gram ,peas and tamarind find the seed whether it cuts into two equal halves In your locality check the root system for the plants is it tap root or fibrous root system. Find out the names of following animals with the help of binomial nomenclature 1 Tiger 2.peacock 3.ant 4.lotus 5.potato</p>

**Nelumbo nucifera*
**Solanum tuberosom*

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Why do we
fall ill

Learning outcome:
Student will be able to
diagnose himself/herself

Activity:
Diagnosis of health during the cough and cold
Temperature check with the thermometer
Name the common viruses found in this season

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Natural
resources

Learning oucome:
Students are able to list
the resources.
Students observed the
sun and how it is
benefitting the human
life by its resources.
Observing wounds and
cuts can make them
aware of blood clotting

Activity:
Differentiate between renewable and non renewable resources
List out some of the resources available in your surrounding .
Observe ecological process in the environment
How solar energy helps us in day today life

15	Improvement in food resources	<u>Learning outcome:</u> By performing this adulteration can be alerted in the public Encouraged to buy more organic food supplies rather than adulterated food	<u>Activity:</u> Listing out the adulteration in our day to day food *separating iron pieces from tea powder *papaya seeds in black pepper Ask a farmer about manure and fertilizers,organic farming
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Principal signature

Head of department signature

Subject teacher signature