

# Pedagogy Strategies (Activity and Learning outcomes)

2021-2022

Class –X

Subject :Biology

Subject teacher :Mrs Uzma Desai

Lesson No	Name of the lesson (topic/unit)	Learning outcomes	Activity
6	Life processes	<b>Learning outcome:</b> 1.students will be aware about signs of life 2.students observe the various day to day activities 3.learn more with the help of placards 4.students get aware about various apparatus used in hospitals	<b>Activity:</b> Signs of life MRSGREEN (movement,respiration,sensitivity,growth,reproduction,excretion,nutrition) Observe the difference between living and non living systems Analyze in your surrounding of how photosynthesis is important for plants How fast food is influencing the lifestyle of youth Share the experience of visiting a dentist Observe the aquarium why there is a difference in breathing rate for aquatic organisms and terrestrial organisms. Make the placards and label the various organs of the human circulatory system Collect the information about blood pressure and how it is measured. Collect the information about artificial kidneys
7	Control and co ordination	<b>Learning outcomes:</b> Awareness is created about mental health and problems related to brain injuries and tumors	<b>Activity:</b> collect the information about <b>MRI</b> Use placards to label the parts of human brain

8	How do organisms reproduce	<p><b><u>Learning outcome:</u></b> yeast reproduces forming buds</p> <p>2.two cotyledon of the seed become distinguishable with formation of radical and plumule</p> <p>3.distinguish different type of reproductions</p> <p>4.division will help to recall the process in various animals</p> <p>5.responsibility is obtained while collecting the information</p>	<p><b><u>Activity:</u></b> 1.observe yeast on bread moulds</p> <p>2.germinate a Bengal gram and observe its new parts</p> <p>3.review types of reproduction with students and have students label each index card with the exact method of reproduction .</p> <p>4.observe various pictures of animals divide these animals up according to the way they reproduce</p> <p>5.collect information about contraceptives</p>
9	Heredity and evolution	<p><b><u>Learning outcome:</u></b> students analyse the various heredity characteristics</p>	<p><b><u>Activity:</u></b> 1. characterize heredity characters in between you and your parents</p> <p>2.collect information about fossils</p> <p><b><u>3.</u></b>find out the meanings of the key words *Codominance,phenotype,allele,dominant.</p> <p>4.Draw the punnet square digram</p>
15	Our environment	<p><b><u>Learning outcome:</u></b> Student are aware about the environment and the undesirable changes that are occurring in the nature.</p>	<p><b><u>Activity:</u></b> observe the surrounding</p> <p>Pictoral representation of three R</p> <p>Note on prime minister swatch bharath abhiyan</p> <p>Give suggestions about various methods to manage the garbage</p>

16	Sustainable Management of Natural Resources	<p><b><u>Learning Outcome :</u></b>  Student will recall how the environment influences plant growth and crop yields ,and ways to improve plant yields student can sustainably manage plant diseases in various production system.</p> <p>5 R  Reduce  Reuse  Recycle  Repurpose  Refuse</p>	<p><b><u>Activity</u></b>  Visit a small nursery near by and observe the plants  Talk with a farmer on how he controls diseases effecting the plant yield  Usage of 3R in the day today life  Collect information about 5 R</p>
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Exam Department signature :

HOD signature:

Subject Teacher: