

**2024 HIGH SCHOOL WINTER CAMP MOLECULAR BIOLOGY AND GENETICS PROGRAM SCHEDULE**

21 January	
12:00-13:00	Online Orientation
13:00-14:00	Icebreaker Games

**MONDAYS and WEDNESDAYS**

	22 January	24 January
10:00-10:50	<b>Meeting</b>	<b>Molecules to Metabolism</b>
10:50-11:10	Break	Break
11:10-12:00	<b>Introduction to Cells</b>	<b>Water, Carbs, Lipids</b>
12:00-13:00	Lunch	Lunch
13:00-13:50	<b>Membrane Structure</b>	<b>Proteins, Enzymes</b>
13:50-14:10	Break	Break
14:10-15:00	<b>Origin of Cells</b>	<b>DNA, RNA</b>
15:10-15:30	Break	Break
15:30-16:30	<b>Activity</b>	<b>Activity</b>

	29 January	31 January
10:00-10:50	<b>Genes, Chromosomes</b>	<b>Microbiology</b>
10:50-11:10	Break	Break
11:10-12:00	<b>Inheritance</b>	<b>Biotechnology in Agriculture</b>
12:00-13:00	Lunch	Lunch
13:00-13:50	<b>Genetic Modifications</b>	<b>Medicine</b>
13:50-14:10	Break	Break
14:10-15:00	<b>Biotechnology</b>	<b>Bioinformatics</b>
15:10-15:30	Break	Break
15:30-16:30	<b>Activity</b>	<b>Activity</b>

**TUESDAYS and THURSDAYS**

	23 January	25 January
10:00-10:50	<b>Cell Division</b>	<b>Central Dogma</b>
10:50-11:10	Break	Break
11:10-12:00	<b>Wrap-up</b>	<b>Wrap-up</b>
12:00-13:00	Lunch	Lunch
13:00-16:30	<b>Activities</b>	<b>Activities</b>

	30 January	1 February
10:00-10:50	<b>Ecology</b>	<b>Quiz</b>
10:50-11:10	Break	Break
11:10-12:00	<b>Energy Flow</b>	<b>Q&amp;A: Career in MBGE</b>
12:00-12:20	Lunch	Lunch
12:20-16:30	<b>Activities</b>	<b>Activities</b>