BRIDGE COURSE
LESSON PLAN
SUBJECT: SCIENCE
STD VI
March 2025
Week 2 (5/2/25-7/2/25)

Period	Topic	LOs	Content + Source	Class work	Home work	Technology used	Activities
Period 1	**NUTRITION IN PLANTS**	Students will be able to Differentiate between heterotrophic and autotrophic modes of nutrition.	Modes of Nutrition	Autotrophs and Heterotrophs	-	Interactive Panel	Observation followed by discussion
Period 2	**NUTRITION IN PLANTS**	Students will be able to describe the steps involved in photosynthesis, including the role of chlorophyll, sunlight, water, and carbon dioxide.	Photosynthesis Liveworksheet	Class 7 : Science | Photosynthesis	-	Interactive Panel	Observation followed by discussion
Period 3	**NUTRITION IN PLANTS**	Students will be able to identify and give examples of different types of insectivorous plants (e.g., Venus	Other Modes of Nutrition (Parasitic and Insectivorous)	Worksheet	-	Interactive Panel Google docs	Self attempt after the discussion/ explanation

		flytrap, pitcher plant, sundew) and parasitic plants (e.g., dodder, mistletoe, Rafflesia).					
WEEK 3 (4 PERIODS-10/2/25-14/2/25)							
Period 1	**NUTRITION IN ANIMALS**	Students can describe the role of the tongue in manipulating food, mixing it with saliva, and facilitating swallowing.	HUMAN DIGESTIVE SYSTEM (TONGUE)	Human digestive system - How it works! (Animation)		Google docs	Observation followed by discussion
Period 2	**NUTRITION IN ANIMALS**	Students can describe how saliva in the buccal cavity initiates the chemical digestion of carbohydrates through the action of enzymes like amylase.	BUCCAL CAVITY	Worksheet			Observation followed by discussion
Period 3	**NUTRITION IN ANIMALS**	Students can describe how the stomach's acidic environment and enzymes like pepsin initiate the chemical digestion of proteins.	STOMACH	Worksheet		Google docs	Self attempt after the discussion/ explanation
Period 4	**NUTRITION IN ANIMALS**	Students can explain how the small	SMALL INTESTINE	Worksheet	-	Google docs	Self attempt after the discussion/

		intestine is the primary site for nutrient absorption, facilitated by its large surface area (villi and microvilli) and the action of enzymes.					explanation
WEEK 4 (5 PERIODS 17/2/25-21/2/25)							
Period 1	**NUTRITION IN ANIMALS**	Students can explain how the large intestine primarily functions to reabsorb water and electrolytes from undigested material.	LARGE INTESTINE	Worksheet	-	Google docs	Self-attempt after the discussion/ explanation
Period 2	**HEAT**	Students can explain how thermometers are used to measure temperature and can accurately read and record temperature values using different scales (e.g., Celsius, Fahrenheit).	Thermometer	Liveworksheet	-	Google docs	Self-attempt after the discussion/ explanation
Period 3	**HEAT**	Students can explain how heat is transferred through conduction by the direct contact of particles within a substance, typically solids, without the	Conduction	conduction	-	Google docs	Self-attempt after the discussion/ explanation

		movement of the substance itself.					
Period 4	**HEAT**	Students can explain how heat is transferred through convection by the movement of fluids (liquids or gases) due to differences in density caused by temperature variations.	Convection	Worksheet	-	Google docs	Self attempt after the discussion/ explanation
Period 5	**HEAT**	Students can identify examples of radiation in every. Period life (e.g., heat from the sun, heat from a fireplace) and explain how different surfaces absorb and reflect radiant heat differently.	Radiation	Worksheet		Google docs	Self-attempt after the discussion/ explanation