

SOBTIS PUBLIC SCHOOL (SR. SEC)
ANNUAL CURRICULUM AND PEDAGOGICAL PLAN

SESSION- 2024-25

VISION - "Our vision is to make the youth aspire, discover, redefine, innovate and become successful in life."

MISSION - To develop future-geniuses with active and creative minds, a sense of understanding and compassion for humanity, and the courage to act upon their values and beliefs. We strongly believe in holistic development of each and every child spiritually, morally, intellectually, socially, emotionally and physically.

SUBJECT- Biology

CLASS - XI

TEACHER'S NAME- Ms Tanushree

MONTH	NO. OF WORKING DAYS	TOPIC	AIL/SUB.IL/SPORTIL	DESCRIPTION
April	23	Ch.1 Biological Classification Ch.2 Plant kingdom (Algae and Bryophytes).		
May	15	Revision of Ch.1 Ch.2 Plant kingdom (Pteridophytes and Gymnosperms)	AIL – Study of different plant specimens.	Students will bring different specimens of plants from different and will observe their characteristics and will tabulate them.
July	26	Ch.3 Animal kingdom Ch.4 Morphology of flowering plants Ch.5 Anatomy of flowering plants Ch.6 Structural organization in animals	AIL – Visit to Zoo. AIL – Anatomical study of root and stem of dicot plants,	Visit to zoo will help students in identifying different morphological features of animals and their niche. For Anatomical study, students will cut transverse sections and observe different features.
August	24	Ch.7 Cell the unit of life Ch.8 Biomolecules Ch.9 Cell cycle and cell division		
September	6	Revision		
October	22	Ch.10 Photosynthesis in higher plants Ch.11 Respiration in plants		

		Ch.12 Plant growth and development		
November	23	Ch.13 Breathing and Exchange of gases Ch.14 Body fluids and circulation Ch.15 Excretory products and their Elimination	SportsIL – Changes in blood pressure and breathing rate before and after a particular sport.	Students will monitor changes in their blood pressure, pulse and breathing rate before and after strenuous exercise and will tabulate the changes.
December	18	Ch.16 Locomotion and movement Ch.17 Neural control and coordination Ch.18 Chemical coordination and integration	SubIL – Computer and PHE – Skeletal system	Students will tabulate different types of joints present in human body and will write about their functions. Computer students will make a program on the number of bones and joints.
January- february	20	Revision of chapter		