

Biology - 4th Form

Topics

Transport in animals

Excretion

Movement

Irritability

4th Form
Exam corrections Transport in plants continuation: Conservation of water in plants and translocation.
Transport in animals. Components of blood Structure of the heart .
Structure of blood vessels and immunity Exercise on Transport in animals Introduction to excretion Excretion in animals: Structure of the nephron
Excretion in plants Exercise on Excretion Introduction to movement Distinguish between movement in animals and in plants Functions of the skeleton
Relationship between muscles and bones. Antagonistic muscles Joints; types and movement at joints. Lab: Drawing of bones
Exercise on Movement Introduction to irritability: Define stimulus and response Response of plants and invertebrates. Receptors and effectors in our bodies.
Relationship between receptor, nervous system and effectors. Reflex actions and functions of parts of the brain
Physiological, social and economic effects of drugs Structure of the human eye and functions Sight defects of the eye
Relate the structure of the human skin to temperature regulation. Skin care and importance of melanin and SPF
Lab: Onion epidermal cell Lab: PD: Plant growth Lab: Reaction distance
Lab: Transpiration Lab: Enzymes