



Biology

Year 6

(70 hrs – 2 hrs per week, of them reserve – 6 hrs)

Table of contents	
Introduction	
Biology as a science on life. Typical properties of living organisms	
1.	<p>Cell</p> <p>History of studying the cell. General cell structure. The structure of a plant and animal cell. Main features of cells (growth, division, exchange with the environment). Main provisions of a cell theory.</p>
2.	<p>Unicell organisms. Transfer to multicellular organisms</p> <p>Bacteria. Unicell organisms. Colonial organism, transfer to multicellular organisms (sponges, ulva).</p>
3.	<p>Plants</p> <p>Plant as a living organism. Plant structure. Plant reproduction: sexual and asexual. Vegetative reproduction of plants. Flower.</p>
4.	<p>Diversity of plants</p> <p>Means of classifying the plants (by the media, structure, reproduction, etc.). Ecological groups of plants. Meaning of plants for the existence of life on the Planet Earth.</p>
5.	<p>Mushrooms</p> <p>Peculiarities of mushroom nutrition.</p>

Educational programs in use for teaching Ukrainian children



STATE SERVICE
OF EDUCATION
QUALITY
OF UKRAINE

	Mushrooms reproduction and spreading. Groups of mushrooms. Meaning of mushrooms in the nature and life of people.
	Generalization Structure and living activity of organisms.
Expected results <ul style="list-style-type: none">● assessment of the consequences of human activity for the environment;● using knowledge in nature protection;● assessment of the meaning of plants for the existence of life on the Planet Earth;● assessment of the meaning of plants, mushrooms, and lichen in biosphere;● different forms of environmental contents; preparation of reports on plants and mushrooms.	