Methodologically competent conversations, trainings, discussions promote communication with elderly people. Various forms of discussion of the problems of the elderly contribute to their inclusion in social life.

3.17. Mariia Leonenko. RESEARCH OF EXPERIENCE OF INTRODUCTION OF INNOVATIVE TECHNOLOGIES OF 3D-PRINTING IN CONSTRUCTION

The paper investigates the spread of information and innovative technologies in the construction industry, namely: technologies of additive construction of buildings and structures using a construction 3D-printer. The author gives the history of the origin and development of 3D-printing, tells about the technology and features of 3D-machines in construction and their varieties. The article also reveals the advantages and disadvantages of additive technologies, they are compared with "traditional" construction. In addition, this paper provides examples of objects from around the world that have already been or will be printed.

3.18. Tetiana Lesina, Brahmi Mehdi Djamel, Huang Ruiping. ANIMATION AS A TECHNOLOGY OF SOCIO-CULTURAL AND SOCIO-PEDAGOGICAL ACTIVITY

The article deals with the animation as a social phenomenon and technology of socio-cultural activity. The functions, varieties, directions, levels of animation and features of animation activity with different categories of the population are revealed. The foreign experience of introducing animation in the socio-cultural and socio-educational spheres is analyzed. The methodological principles of animation as an innovative direction of socio-pedagogical activity are highlighted. The content of animation activity of social pedagogues and workers is detailed. The specifics of training animators to work with young people and the uniqueness of the animation project are highlighted. The article presents the ways and means of development and implementation of an animation project in the process of socio-cultural work with different population categories, in particular, details the content of this work with young people.

3.19. Olena Tarakhno, Andriy Sharshanov, Olga Skorodumova. COMPUTER SIMULATION OF THE PROTECTIVE EFFECT OF ETHYL SILICATE GEL COATING ON TEXTILE MATERIALS IN CONDITIONS OF CONSTANT OR DYNAMIC HEAT

A mathematical model of fire-retardant action of organosilicon coating on cellulose-containing fiber of fabric threads is developed, which provides predictive estimates of fire safety parameters of textile materials, based on the level of thermal impact on the surface of the protected material.

3.20. Yurii Yatchenko, Nina Rashkevich, Dmytro Krushelnytskyi. SLOPES STABILITY RESEARCH OF SANITARY SOLID WASTE LANDFILL

The authors showed the results of studies of the influence of humidity on the stability of landfill slopes in scientific work. The studies were performed on a specially designed laboratory. The main fundamentally important factors influencing the mechanical properties of the soil mass are reproduced in the laboratory installation. The authors established the interaction of physical properties of landfill soils and their impact on mechanical properties based on the results of the analysis. The strength of the geosynthetic anti-filtration surface screen is violated due to the movement of layers of landfill soils. The protective surface screen is an integral part of the sanitary landfill for solid waste. The increase in the level of technogenic and ecological danger of the solid waste landfill is a consequence of the violation of the screen strength. The authors have developed proposals to ensure the strength of the final coating of the landfill for solid waste based on the results of research.