

Код УГПС – 07.00.00

Тема 4. Промышленные технологии

Область образования – ИНЖЕНЕРНОЕ ДЕЛО, ТЕХНОЛОГИИ И ТЕХНИЧЕСКИЕ НАУКИ



Express your opinion on the following quotation:

«We shape our buildings; thereafter they shape us.»

(Winston Churchill)

1. Read the text and translate it. Discuss the text in 3-5 sentences.



Architecture

Architecture is the art of designing buildings that **combines** technical, **aesthetic**, and functional aspects. Different architectural styles like classical, modern, regional, etc., **reflect** history, culture, and technology. Famous structures such as the Lotus Temple (picture 1) Longaberger Corporate office in Newark (USA) (picture 2) **showcase** architects' creativity using a variety of materials to create pleasing designs. Architecture shapes cities, **impacts** emotions, and **inspires** endlessly.

combine - комбинировать, сочетать

aesthetics - эстетика

reflect - отражать

showcase - демонстрировать

impact - воздействовать

inspire - вдохновлять

The difference between an architect and an engineer



Many people think that an architect and an engineer are the same person, but this is far from true. An engineer is responsible for mathematical calculations, technical execution of the project, construction and safety. While an architect is concerned with the appearance of the building, its aesthetics, functionality and client satisfaction. In summary, the engineer and the architect work closely together to ensure the success of the project, each having their own unique contribution to the creation of many of our impressive buildings..

calculations - расчёты

execution - исполнение

safety - безопасность, надёжность

concern - беспокоится, заботится

unique - уникальный

ensure - обеспечить

2. Answer the questions based on the text.

- 1) What is architecture? Name the types of architecture.
- 2) What is the difference between an architect and an engineer? Would you rather be an architect or an engineer ?
- 3) What other famous architectural constructions do you know?

3. Project

Prepare a presentation. Work in pairs.

- 1) Choose one of the cities in Russia.
- 2) Identify the style/type of architecture in this city. Explain your decision.
- 3) Give examples of architecture in this city and tell about them.
- 4) Make a conclusion.