

Тема занятия: «Ведущие машиностроительные центры Британии»

Цель занятия: выучить новый лексический материал по теме «Ведущие машиностроительные центры Британии»; совершенствовать навыки чтения и перевода текста профессионального направления; систематизировать знания, выполнив задания по теме занятия.

Уважаемые студенты! Ознакомьтесь с материалами практического занятия на тему «Ведущие машиностроительные центры Британии». Конспект занятия выполняйте **в рабочей тетради письменно, обязательно указывая дату занятия, тему занятия, номер упражнения.** Ответы предоставить преподавателю на проверку **до 29. 05. 2023 г.** в электронном виде (**фотоотчёт**) **на** e-mail mikagol2605@mail.ru. Телефон преподавателя для консультации и возникающих вопросов: 072-14-15-816.

С уважением, Голодюк Марина Викторовна.

- 1. Запишите новую лексику в словарь, выучите новую лексику.**
- 2. Прочитайте и устно переведите текст « Leading engineering centres in the UK».**
- 3. Напишите сообщение об одном из ведущих машиностроительных центров Великобритании.**

Leading engineering centres in the UK

Vocabulary

mechanical engineering – машиностроение
transport engineering – транспортное машиностроение
thermal power plants – тепловые электростанции
diesel engines – дизельные двигатели
automotive industry – автоматизированная индустрия
wheeled tractors – колесные тракторы
aerospace industry – аэрокосмическая промышленность
aircraft – самолет
shipbuilding – судостроение

Mechanical engineering is the leading branch of industry both in terms of the number of employees and the cost of products (40% of the total volume of the industry). In terms of engineering production, the UK is in fifth place in the world after the USA, Japan, Germany and France.

The traditional branches of transport engineering are the production of ships, locomotives, and railway equipment. The machine tool industry produces high-quality

products, but does not fully provide itself with the latest specialized machine tools. The main sales markets for machine tools are the EU countries (about 50% of the total export volume). Great Britain stands out for its large-scale production of power equipment (boilers for thermal power plants, diesel engines, etc.) and industrial equipment for various industries.

The automotive industry is one of the iconic industries.

A feature of the British automotive industry is the absence of purely national manufacturers. In 2005, the only national company for the serial production of cars, MG Rover, ceased to exist. Currently, all cars are produced at enterprises owned by the world's leading manufacturers from Germany, France, Japan and the USA.

In 2017, 1.7 million cars were produced. The main car assembly plants are located in Greater London, West Midlands (Birmingham, Coventry), Luton, Oxford.

The UK is one of the world's largest manufacturers of wheeled tractors (first-second place). The most famous brands are McCormick and JCB. Moreover, the JCB Fastrac tractor is the fastest in the world. It is capable of speeds up to 75 km/h. The factories of the first company are located in Doncaster, the second - in the West Midlands.

The aerospace industry includes all the main production cycles: the development and creation of supporting elements of aircraft, aircraft engine building, the creation of artificial space objects and guided weapons, the development of simulators, advanced materials, flight control and management systems.

The largest centres of the industry are concentrated around Greater London, in Bristol and surroundings, in the East Midlands.

Shipbuilding is the oldest industry in Great Britain, it includes three main sectors: the construction and repair of military and civil ships, the construction of pleasure and sports yachts, and the production of equipment for ships.

In the sector of building and repairing ships, British shipyards work exclusively to order, manufacturing 15-20 ships a year. One of the largest customers is the Royal Navy. The main production facilities for the construction of warships are located at shipyards in the cities of Plymouth, Portsmouth, Clyde and Barrow-in-Furness, civil ships - in the cities of the north of England and in Scotland. Leading small craft manufacturers in the UK are Sunseeker Ltd, Princess Yachts, Fairline and Sealine. About 70% of production is exported, more than half of which goes to Europe.

Great Britain is one of the world leaders in the production of equipment for various types of ships. It produces power plants, navigation and rescue equipment, generators, etc.

Напишите сообщение об одном из ведущих машиностроительных центров Великобритании.

