Appendix 9.1

Monologue on *ENGINEERING*

Active Vocabulary: 17
Grammar Structures: 4
Linkers: 12
Total: 523 words.

You are going to give a talk about ENGINEERING.	Vocabulary*	Linking Words and Phrases*
REMEMBER! Your speech will be graded according to the following criteria: relevance, coherence, fluency, grammar & vocabulary (*see «Параметры и критерии оценки МВ»).*	*Fill in the columns with* • *words, collocations and idiom,* • *linking words* *on the topic 'Engineering' (see Appendix 9).*	
Step 1. Introduction 1. Make up a hook sentence that will attract listener's attention to your speech (a quote, proverb, tongue-twister, etc.) 2. Lead your speech steadily to the 2nd step. 3. Introduction consists of 4-6 sentences.	The contribution of engineers to our daily life is invaluable, since everything that we have in use now was once created by someone. So I decided to get a better understanding of various industries and determine their impact on human lives.	**Grammar Structures:** • Passive voice (created by)
Step 2. From Engines to Engineers 1. Speak about the contribution of engineers to the production of goods (choose the exact product like aircraft, motorbike, refrigerator, etc.). 2. … the spheres of life engineering is involved in.	Most of all, I am impressed by the progress in the aviation industry, because since childhood I have been following its development. Engineers have made a huge breakthrough, and what we have now is simply amazing. Furthermore, who would have thought 100 years ago that aviation would become so affordable, truly comfortable and, moreover, would be considered the safest way to travel. This industry concerns literally all spheres of human life, in addition to passenger transportation. It concerns medicine, space, the military industry, and so on. Therefore, the importance of this industry should not be underestimated.	**Vocabulary:** • aviation • made a breakthrough **Linkers:** • in addition • Furthermore • moreover **Grammar Structures:** • Infinitive (to travel)
Step 3. Survival Engineering 1. Speak about the most serious global threats the humanity may face once. 2. … the engineering way to prevent this disaster.	Sixty-five million years ago, the Earth collided with an object about ten kilometers in diameter, presumably causing the extinction of the dinosaurs. As a matter of fact, the threat of collision is currently no higher than at any other time in the history of the Earth, but if people don't focus on inventing the rescue method, sooner or later, it will happen. Therefore, engineers have a very important mission to do everything possible to prevent a global catastrophe. Today, there are several ways to prevent this event. In my opinion, the kinetic ram is the most effective method. In short, the essence of this method is to send a huge object like a spacecraft or even another near-Earth object as a ram. To be honest, I hope that by the time the probability of a collision becomes higher, humanity will be ready to prevent the apocalypse.	**Vocabulary:** • collide with • collision • threat • focus on inventing **Linkers:** • Therefore • In short • As a matter of fact **Grammar Structures:** • Conditionals (if people don't…it will…)

Step 4. Superstructures 1. Speak about the largest man-made structure you've heard about and the problems the construction of it caused. 2. Why were you impressed by it?	Continuing about space, of the huge number of engineering projects, the ISS is the most interesting to me. This station is considered the most expensive facility ever built by mankind. About 157 billion dollars were spent on its construction and operation. The mass of this structure is more than 417 tons. More than fifteen countries took part in the creation of the ISS. But despite this, mistakes were made, as a result of which the crew is now struggling with oxygen leaks. However, there is no reason to hit the panic button yet. But I'm sure they can solve this problem. Nevertheless, the scale of the work done is simply amazing.	**Vocabulary**: • solve this problem • hit the panic button **Linkers:** • despite • as a result • Nevertheless • However
Step 5. CREATIVE THINKING Introduce your own extra idea(s) on engineering that hasn't/haven't been mentioned before. Substantiate your choice.	In our time, it is difficult to come up with something unique, because either it has already been created by someone, or it is already in development, so there is no point in reinventing the wheel. But genetic engineering is always unique. This industry is helping people find solutions to many problems, such as antibiotic resistance, which could lead to mass extinction. This industry literally improves people's lives. For instance, making modifications to human DNA makes it possible to develop resistance to infectious diseases, which will prevent the emergence of epidemics. Nevertheless, all these modifications without testing pose a threat to humans.	**Vocabulary**: • reinventing the wheel • genetic engineering • find solutions to many problems • antibiotic resistance • mass extinction • improves people's lives • making modifications • infectious diseases • epidemics **Linkers:** • For instance **Grammar Structures:** • Modal verb (could)
Step 6. Conclusion 1. Repeat the main idea of the introduction in other words. 2. Summerise the ideas of steps 2,3,4,5.	To conclude, I would like to say that people need to bring their ideas to life. Who knows, maybe one of these ideas will change the world.	**Linkers:** • To conclude