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### **The future is in your hands: invent and create!**

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I truly believe that the future of my country is in my hands since I am among the future specialists in my country. Today I'm in the ninth grade and I'm going to make a career choice. To do this, I have to make plans for the future, dream about who I want to become in order to benefit the state as well. But the main question is, how can I change the future?

Every day I feel more responsible for the future of my country. New knowledge gained at school expands the understanding of the world around us and this is very important. My goal is to learn, to develop myself and others, because our future life depends on the actions that we are doing now, on their humanness, reasonableness..

It is known that the modern world in our time does not stand still, it is constantly evolving. From year to year, the number of new inventions and innovations increases, which originate in certain branches of science, and end in the field of production, causing progressive changes in it. Of course, the pace of economic growth will increase due to the introduction of advanced, high technologies.

However, our environment is experiencing environmental problems. They are becoming threatening every day, and also pose a threat to the population of the country and not only. Currently, there are many serious dangers that need to be dealt with right now. I have been thinking about what exactly can help the current situation of environmental problems in Kazakhstan.

I want to worry about the shallowing of the Aral Sea. To this day, the water level continues to decrease. People began to irrigate agricultural plants, even stimulate the economy and increase incomes due to this. Despite this, water still continues to be used in unlimited quantities. In my opinion, people should reduce the use of the amount of water used for irrigation. To do this, agricultural enterprises should introduce drip irrigation technology and install sprinkler systems. Drip irrigation is a method of irrigation regulated in small portions using dropper dispensers, in which water enters the root zone of cultivated plants. Modern drip irrigation systems are flexible hoses with droppers. Such hoses are laid on the surface of the soil or buried into it for the entire required irrigation area. Sprinklers are devices made of portable pipelines. and they also simplify care and make the site more tidy. These technologies allow you to save water, which is due to the fact that moisture enters directly, and its consumption is significantly reduced. Although we cannot contribute to the full revival of the whole sea, we can stop desperately extracting water from it and continue to do nothing.

In order for the current problem not to reach further catastrophic consequences, it is necessary to draw conclusions now. This world needs new

innovations, as well as creative thinking specialists. As for me, hydrological scientists should and will play an important role in the development of the future, because these shortcomings can lead to a whole chain of other problems tomorrow. Therefore, my future goal is to contribute to the changes of the future, because the future is only in my hands.