



NANORMOUS

Great potentials - small dimensions!

SELF PRESENTATION

"My name is Alessandro Caianiello. I come from Naples, in Italy and I am eighteen years old. I swim, but not at agonistic level because of the school. When I was young I was a little champion, I also won some medals. People usually ask me what I am going to do at university, but I really don't know the answer. Some years ago I believed that I would have attended the aerospace engineering courses, but now I am a little bit confused. In fact I would like to do something of artistic such as music, films...By the way I think I will attend the university and than I will learn other things."

"Name: Stefani Diana

Age: 15 years old

Country: Romania, Targoviste

Class/school: I finished eighth grade

What I like: vacation, pizza, chocolate, walking, interesting books, music, sea, purple colour, gym, jokes clothes

What I don't like: spiders, snakes, bad jokes, green eyes

Career: I want to become a doctor

Favourite quote: "Everything happens for a reason"

"My name is Vasil Vasilev Ivanov. I was born in Svishtov and my birthdate is 10.03.1998. Currently I live in Veliko Tarnovo.



I study in the High School of Mathematics and natural sciences "Vasil Drumev" and after the summer holiday ends I'll be 9-th grade. Year 2 in high school!

There are 5 things that I enjoy - photography, programming, graphical design (photoshop stuff), chemistry and basketball. As you can see from my hobbies I'm not not a person who's really into sports and physical activities.

During the camp I enjoyed all the experiments a lot. That's probably because of the experts/teachers who showed everyone that science can be fun.

Even though I liked the whole experience in general, there are a thing or two that I didn't like - the food at the restaurant was kinda bad and we had to take 5-6 times a day 95 steps so we could get to our rooms.

To seem up the nanocamp was a valuable experience that somehow changed my way of thinking."

"My name is Andreea Vladuca, I am 15 years old. I come from Romania. I'm in an Art high school, I study architecture. I dream of being a great architect. I like drawing, traveling and animals."

"My name is Victoria Trendafilova and I am 18 years old. I live in Dragoman. It is a small town which is located 40 km. away from Sofia (the capital of Bulgaria). I like to go out with my friends, to listen music and to watch movies. I love chocolate and ice cream. I want to become a teacher because I love the kids. I study maths in National School of Mathematic and Science "Academic Lubomir Chakalov". This school is very nice and the teachers are pretty awesome. I heard about NTSE project from my IT-teacher and I was really interested in it. I made a poster with one girl from my class and we were chosen to participate in Nano-Science Camp. The camp was really fun and I learned a lot of interesting things. Also I made a lot of friendships. This is my first science camp and I will remember it forever."





I LEARNED

On Monday we performed some outstanding experiments about natural nanomaterials and the properties of their structure. We found out about things called non-newton liquids and that the cheese contains nanoparticles.

On Tuesday we learned about seismic waves and we made buckyballs by ourselves. Nasko showed us how to recognize the size of the nanoparticles by the color of the solution.

On Thursday we learned how to analyze materials without physical contact with them. More precisely we used magnets to track metallic objects and a laser beam was showing their location. We also learned that the ferrofluids are suspensions of small particles with a mean diameter of about 10nm in proper carrier liquids. They have many uses (decrease friction, from powerful seals in electronic devices, sound performances etc).

On Friday we found out that the water on lotus leaves is disposed to form droplets as a result of surface tension. Water droplets are in contact with lotus leaves and air. Papilla retain the water droplets in higher energy by reducing the contact area between the solid and liquid. Furthermore, the waxy surface makes the leaves hydrophobic and the roughness makes them water-repellent.

MY SPORT

We loved physical activities such as beach-volleyball. Via that game we learned to cooperate. We also taught yoga exercises to the other.

CREATIVITY

We made team symbol and created a team's name.

MY ADVENTURE

On Monday we have learned some very valuable and interesting things. Our day started with an amazing trip to Varna. We expected it to be a very common trip but it came out to be significantly better than we thought. Coming in a contact with a submarine for the first time was really exciting. We learned about the history, the basic parts of a small submarine and then we met the extraordinary creatures of the ocean world.

On Wednesday we had a trip to Kaliakra and Balchik. It was really fun because we saw a lot of amazing plants in Botanical garden.

On Friday we had 3 hours to go shopping in Varna.

MY MUSIC

The yoga dance really enjoyed to us and because of this our team song is "[Alpha Blondy - Sebe Allah](#)".

