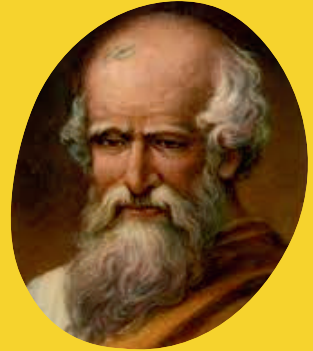


Arşimet



Hello, future scientists! I am Archimedes. I was born on the island of Sicily in Ancient Greece around the year 287. Since my childhood, I have had a great interest in mathematics, physics, and natural phenomena. One of the things I was especially curious about was how water behaves. Perhaps the moment you know me best for is my famous “Eureka!” moment, which I experienced one day while taking a bath!

One day, I stepped into a bathtub filled with water and noticed how much lighter my body felt in the water. I also observed that the water level rose. At that moment, an idea came to my mind: when an object is immersed in water, the volume of water displaced is equal to the volume of that object! With this discovery, I found the buoyant force. We call this the Archimedes’ Principle. I was so excited that I ran into the streets shouting “Eureka!”, which means “I found it!”

I was not only interested in buoyant force, but also in many other things. In mathematics, I calculated the areas and volumes of geometric shapes. I also made various inventions. For example, I developed a device called the Archimedean Screw. Thanks to this device, lifting water became much easier. This system was even used to carry water to fields in agriculture.

Another of my inventions was mechanical systems used in wars. To defend our city under siege, I designed large catapults and defense mechanisms. Thanks to these, the city was able to withstand enemy attacks for a long time. My greatest passion was understanding natural phenomena and mathematical principles. Even today, my discoveries still hold an important place in the world of physics and mathematics. If you are curious about the world around you, maybe one day you will discover something new and shout “Eureka!” too!



FUTURE

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