

# My Academy Scoop 2-1

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## ~Achilles and turtle~

Wild

One day Achilles competes with the turtle in a foot race. Achilles is the fastest runner in the world. The turtle is very slow. Achilles will win the race. The turtle says, "If you gave me odds, I could win the race." Achilles gives odds to the turtle because he thinks that he won't lose. For Achilles to be handicapped, the turtle starts from the position that is nearer to a goal than Achilles. The position is A point. The race starts. When Achilles arrives at A point, the turtle arrives at B point. When Achilles arrives at B point, the turtle arrives at C point. When Achilles arrives at C point, the turtle arrives at D point. When Achilles arrives at... Achilles can't catch up with the turtle.

## ~Full of Vitality~

Takuzo

I would like to talk about senior teachers in my school. They are about 60-70 years old. But they are still fine. For example one teacher can climb a tree and go up the stairs with his heavy tape recorder. One day he said that if he should be afraid of climbing a tree, it would be a sign to quit his job. I think he will do it two more decades. And another teacher's hobby is climbing mountains. He climbed a lot of mountains like the Japan Alps. He will keep on climbing mountains. Why are they so fine? I think the key to this mystery is their eating habits. They eat a lot of vegetables every day. One day I saw their lunch boxes filled with a lot of vegetables and I was surprised to see it. Since I saw it, I decided to make it a rule to eat vegetables every day. Vegetables keep us healthy because they have lots of good nutrition and vitamins. And they prevent us from getting fat. Thanks to these reasons our senior teachers keep their health and live happy. Why don't you follow their habits?

## ~Directors~

Yuki Saito Hideya Komine Yuki Kogawara

Thank you for your reading!

## ~My memory~

Moricchi

I would talk about my memory in my junior high school days. I was a member of a soft tennis club when I was a junior high school student. My club was the weakest in my area. My junior high school is a private school. So my school puts study before sports. Of course, we can't practice long enough to beat other clubs. However it was an excuse. Just about three years ago, games by junior players began. There were team and individual matches in the tennis tournament. The team competition was done as follows. One club selected three doubles pairs. In short, if two pairs of my club would win, my club would win. In the first match, first, my club's pair lost. But a miracle happened. Next, our second pair won and so did my club's last pair. So my club won for the first time. I was deeply impressed. Finally, surely, my club was the weakest. But we had a wonderful experience.

## ~Virus~

Dr. Dinosaur

These days, a certain virus is spreading from eastern Africa and killing many people. Its name is "Ebola virus (Zairian type)". It has 80-90% of death rate.

By the way, what are viruses?

Actually, they are not creatures and they are not inanimate objects. Many biologists had been troubled about this. And finally, they reached a conclusion. "Virus is virus." Maybe you think they are being fools, but there is no way but to do so. So please accept this definition. (To be precise, they are "non-cell body".)

Viruses can't multiply by themselves, so they are parasitic on living cells.

- 1, A virus sticks to a cell membrane and breaks into the cell.
- 2, The virus releases its RNA, in which the genetic information of the virus is written.
- 3, The RNA orders the cell to make a kind of protein and the copies of the RNA.
- 4, The produced protein and the copied RNAs are joined and the copies of the virus are born.
- 5, The multiplied viruses are released from the cell.