KOGAKU JOSHI 2

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In the previous episode...

I’m Akane Uchiyama, a first-year engineering student.

Akane Uchiyama (18)
Applied physics major

But I discovered that quantum computing is a field full of possibilities!

This is Himawari, who is planning to study medical prosthetics.

Himawari Goto (18)
Medical engineering major

But unlike my friends, I had no idea what I wanted to study as an engineering student.

Tech Giants

Google
IBM
Microsoft
Intel

They all make investments!

Soon, quantum computing will definitely play crucial roles in our society.

And so...

I decided that quantum computing was going to become my research topic.

Aoi Haneda (24)
Computer science major

This is Aoi. She wants to make the internet a safer place through computer science.

But...

Google
IBM
Intel
Microsoft
Quantum computing spreads over so many areas and I can’t keep up!

My university entrance exam was nothing compared to this!

Quantum mechanics
Differential equation
Graph theory
Information theory
Vector calculus
Programming
Statistics

It goes without saying that I have to study quantum mechanics...

Linear algebra
Statistics

No matter how much I study, I keep running into things I don’t know.

Quantum computing is much more difficult than I thought!

It makes me want to escape reality.
Um, sis?
Can I ask you something? It's about my plans after high school.

I don't want to be a burden to mom and dad.

Um, sis? Can I ask you something? It's about my plans after high school.

Tsukaki Konohana (17)
Akane's younger sister

So, you're saying you're going to work after graduating high school?

Yeah.

Is university fun?

...?

Graph theory
Quantum mechanics
Information theory
Differential equation
Vector calculus
Calculus
Statistics
Linear algebra
Programming

I feel like it's a waste of money to go to university without an objective.

I don't want to burden my parents.

So, you're saying you're going to work after graduating high school?

Yeah.

Is university fun?

Ugh...!
I thought you wanted to study nursing.

Yeah...

A nursing degree will help you land a secure and good-paying job as a nurse. You should go to school.

I understand that, but...

Hey, Akane!

...?

hm?

Is it really worth going to university?

I wasn't confident enough to tell my sister that it is worth going to university...

Hey, Akane!

Himawari? Aoi?

You're sending out negative vibes.

Was it that obvious?!

Is it really worth going to university?
DO YOU GUYS EVER WONDER WHY AND WHAT YOU'RE STUDYING FOR AT UNIVERSITY?

WHY DIDN'T YOU COME TALK TO US? WHAT ARE FRIENDS FOR?

I DIDN'T GET TO SEE YOU AROUND AS MUCH BECAUSE WE ALL TAKE DIFFERENT LIBERAL ARTS CLASSES.

STRESSING OUT ON YOUR OWN IS A BAD HABIT OF YOURS, AKANE.

I AGREE THAT WHAT WE'RE DOING NOW ISN'T AS EFFICIENT AND STRAIGHTFORWARD AS OUR ENTRANCE EXAM PREPARATIONS. I SEE WHY THAT COULD LEAD TO A LACK OF MOTIVATION.

RIGHT?!

WHICH IS WHY I THINK "THIS" IS IMPORTANT.

IS SOMETHING WRONG?

...?

YOUR BREAST MUSCLES? WORKOUTS?

NO!

LAID BACK AS ALWAYS, HUH?

IT'S LUNCH BREAK. WE SHOULD FORGET ABOUT OUR WORRIES AND ENJOY OUR MEALS.
"Passion" is what's important, right?

Yes!

If you're feeling lost, remember why you decided to study quantum computing.

Why I decided to study quantum computing...?

But maybe we should eat first.

Yeah...

I became fascinated in quantum computing because I thought it was a lot like me.

Unlike my friends, I came to the engineering department without a clear objective.

It isn't easy to see how exactly quantum computing is changing this world...

But people in various fields have high expectations for its possibilities.

I'm going to be the one to change the world!

It was exciting to think I could make a difference in this world and the future through engineering and quantum computing.
Hey.

Worried about something again, Akane?

Dojima!

Dojima
Akane’s senior

...Is what we were talking about.

 Hmm...

Hey.

Worried about something again, Akane?

Dojima!

Dojima
Akane’s senior

New discoveries are made by using the knowledge gained by people before us.

That means studying all sorts of different things isn’t as inefficient as you may think it is.

Inefficiency is efficient?

...Oh!

I’m kind of at a loss about what I’m studying for.

Here, have some Korean seaweed.

Huh? Korean seaweed?

I was at a conference in Jeju Island.

Sure...
I have to tell Tsubaki that it’s okay to not always have a clear objective.

People go to school and study with their friends to find and fulfill their dreams.

Tsubaki, I want to add to what we talked about the other day.

...?

I have so much studying to do at university.

AKANE...

...?

You must be enjoying school...

...?

I really do!

I have to tell Tsubaki that it’s okay to not always have a clear objective.

People go to school and study with their friends to find and fulfill their dreams.

Tsubaki, I want to add to what we talked about the other day.

...?

You must be enjoying school...

I have so much studying to do at university.

TSUBAKI...

I almost lost track of why I was even doing all this studying.

But I was able to meet new people...

...who are willing to help me...

...when I’m in trouble or feeling lost.

Akane...

...?

You must be enjoying school.

Tsubaki...

...?

You must be enjoying school.

I have so much studying to do at university.

TSUBAKI...

I almost lost track of why I was even doing all this studying.

But I was able to meet new people...

...who are willing to help me...

...when I’m in trouble or feeling lost.