

5th September, 2019

# Let's improve the world's education together!!

**Hisanobu Watanabe**  
teacher and a research director, Fukui Prefectural Wakasa High School

122year's old



Wakasa High School

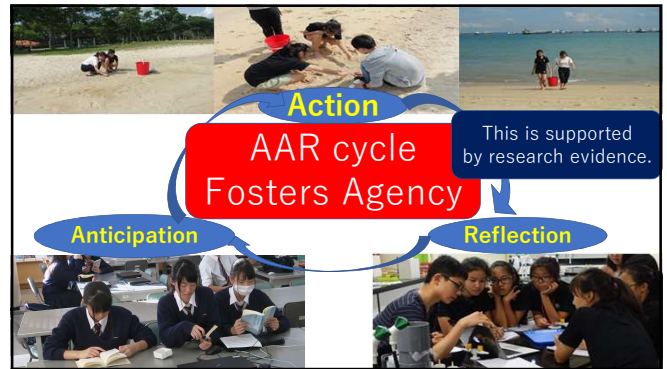


The 9<sup>th</sup> Informal Working Group Meeting, OECD Education 2030



Misaki  
With high school students from Singapore

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**Action**  
**AAR cycle**  
**Fosters Agency**

This is supported by research evidence.

**Anticipation**      **Reflection**

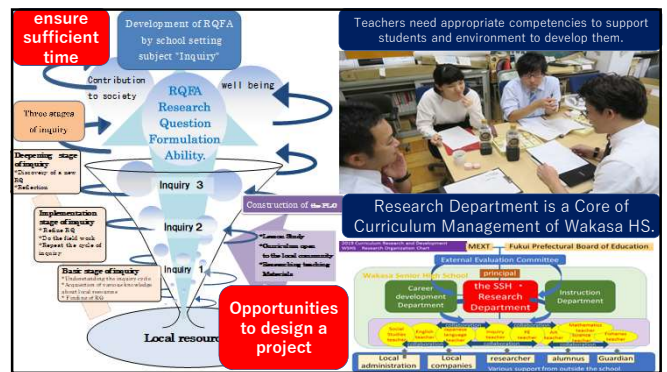
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**Reflection**



Reflection develops a sense of agency because through the process of reflection, students learn to recognize their own thinking and to make sense of it, and to find purposefulness of their own actions. This will help students to develop self-efficacy too.

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ensure sufficient time

Development of RQFA by school setting subject "Inquiry"

Contribution to society

well being

Three aspects of inquiry

Deepening stage of inquiry

Implementation stage of inquiry

Basic stage of inquiry

Local resource

Construction of the RQFA

Opportunities to design a project

Teachers need appropriate competencies to support students and environment to develop them.

Research Department is a Core of Curriculum Management of Wakasa HS.

Wakasa Secondary School

External Evaluation Committee

Local P administration

Local companies

researcher

alumnus

Guardian

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International division

General division

## Wakasa High School has 4 divisions

Science division

Marine division



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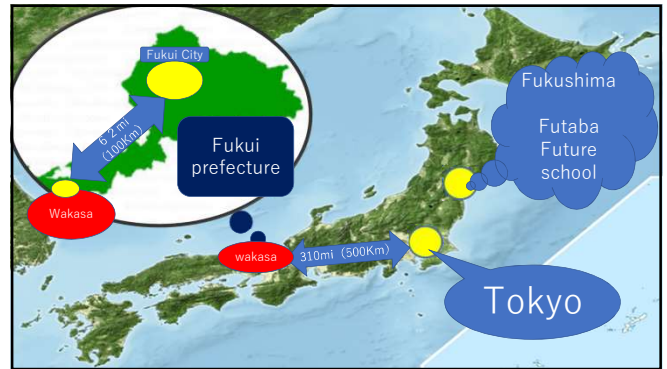


For all of these students in all grades, we provide inquiry based learning . Students take it 1 hour per week.

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The main objective of our inquiry based learning is fostering student's ability to identify and formulate issues and to challenge in our community.

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rich natural resources

Research how much micro plastic is contained in the fish

どれくらいのマイクロプラスチックが入っているのかを調査

Year	Population
2015	23,373
2020	20,505
2025	17,821

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## Roles of Teachers

- ① use the teachers' knowledge in each subject.
- ② connect adults outside of school with students
- ③ accompany students and keep encouraging them.

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① use the teachers' knowledge in each subject.

Home economics class

Teachers encourage students to connect their inquiry theme with knowledge from subject based learnings in order to expand their views and ideas.

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Local government Co-Agency senior

② connect adults outside of school with students

alumni parents

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③ Teachers accompany students and keep encouraging them!!

In order to grow student agency, teachers play a key role.

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We organize a teacher meeting once a week within the work hour to discuss and design lessons together.

This enhances opportunities to develop co-agency among teachers.

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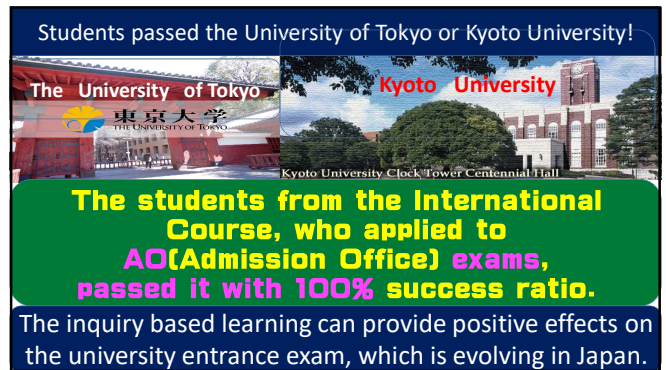
Our School's principal listens to teachers, accompany and support teachers, as we do it for our students.

principal

Principal who came to peek at the inquiry class

Trust

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Students passed the University of Tokyo or Kyoto University!

The University of Tokyo  
東京大学  
THE UNIVERSITY OF TOKYO

Kyoto University

Kyoto University Clock Tower Centennial Hall

The students from the International Course, who applied to AO(Admission Office) exams, passed it with 100% success ratio.

The inquiry based learning can provide positive effects on the university entrance exam, which is evolving in Japan.

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Our efforts can contribute to the development of education around the world.

International Student Innovation Forum 2017 organized by ISN

Let's improve the world's education together.

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