

# Purifying Water Leads to World Peace



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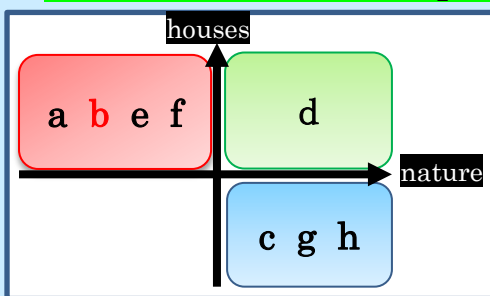
## Introduction

- 663 million people don't have access to safe water.
  - 300,000 babies and little children die due to dirty water.
- ➔ We need to improve the world's water quality.

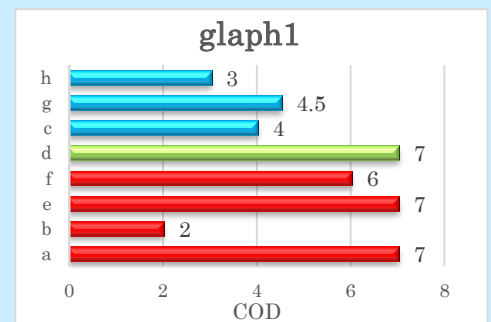


## Method and Result

### Research 1 ( water quality of river )



	Misakaji river	Niko river	Sakai river	Kurose river
up	a	c	e	g
down	b	d	f	h



- ➔ The rivers in similar environment had similar COD.
- The river surrounded by rich nature tends to be clean.

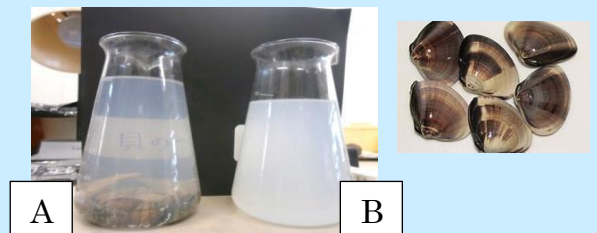
COD(=Chemical Oxygen Demand)  
The higher COD score is, the lower water quality is.

Though river **b** is in red category, it has low COD.  
There are a lot of **clams** on the bottom of the river.

### Research 2 ( clams' ability )

Beaker	Sea water	Soy milk	Clams
A	○	○	○
B	○	○	✗

5.5h later



We couldn't see the change of COD, but we could see the character written on the card behind beaker A. It means that clams can make water clean.

- ➔ Clams have ability to improve water quality.

## Conclusion

ways	reality
To increase nature	△
To use clams	○



1. Using clams enables us to purify water of rivers.
2. Using clams enables us to provide clean water from rivers for people.

**We can save babies and little children in the world!**