Is Toyama Bay Really Beautiful Or Clean?

&



Two problems



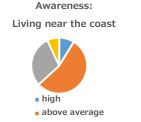
Ocean Acidification 2016 7.96 8.00 8.04 pH

Goals

- · Improve student's awareness and their knowledge of marine gabage
- · Understand why ocean acidification happens and how we can measure it

Marine garbage

The first questionnaire



Living inland

Awareness:





Clean up activity







The second questionnaire



 1st questionnaire clean-up activity poster session poster classroom-visit

Knowledge

Conclusion

- Engage in practical activities
- Reduce the amount of garbage

Take more action! Save our ocean!

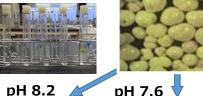
Ocean acidification

Mechanisms elease absorb

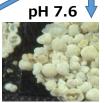
Effects · Harms marine organisms

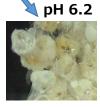
Affects the food chain in the ocean

Experiment









Result The lower the pH was, the more the fossil dissolved.

Various efforts





- Raise awareness of the impact of CO2 on oceans
- Reduce the use of fossil fuels