

DNA lecture in INDONESIA

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Duration: 8 Sept– 20 Sept 2014

Place Visited: Universitas Indonesia (UI), SMAN 1 Depok , SMAN 70 Jakarta

Science Lesson

Title: DNA in our lives

●Objective

By the end of the lesson, each student is expected to

- describe DNA in own words;
- conduct an experiment on DNA (and make a DNA necklace); and
- state the importance of DNA

●Contents

- Explain, "DNA"
- Carry out DNA experiment
- Conclusion

●Realization

Good point

▪ According to the students' survey, we could satisfy their learning expectations.

▪ We could improve our lecture by changing some of our slides and teaching strategies.

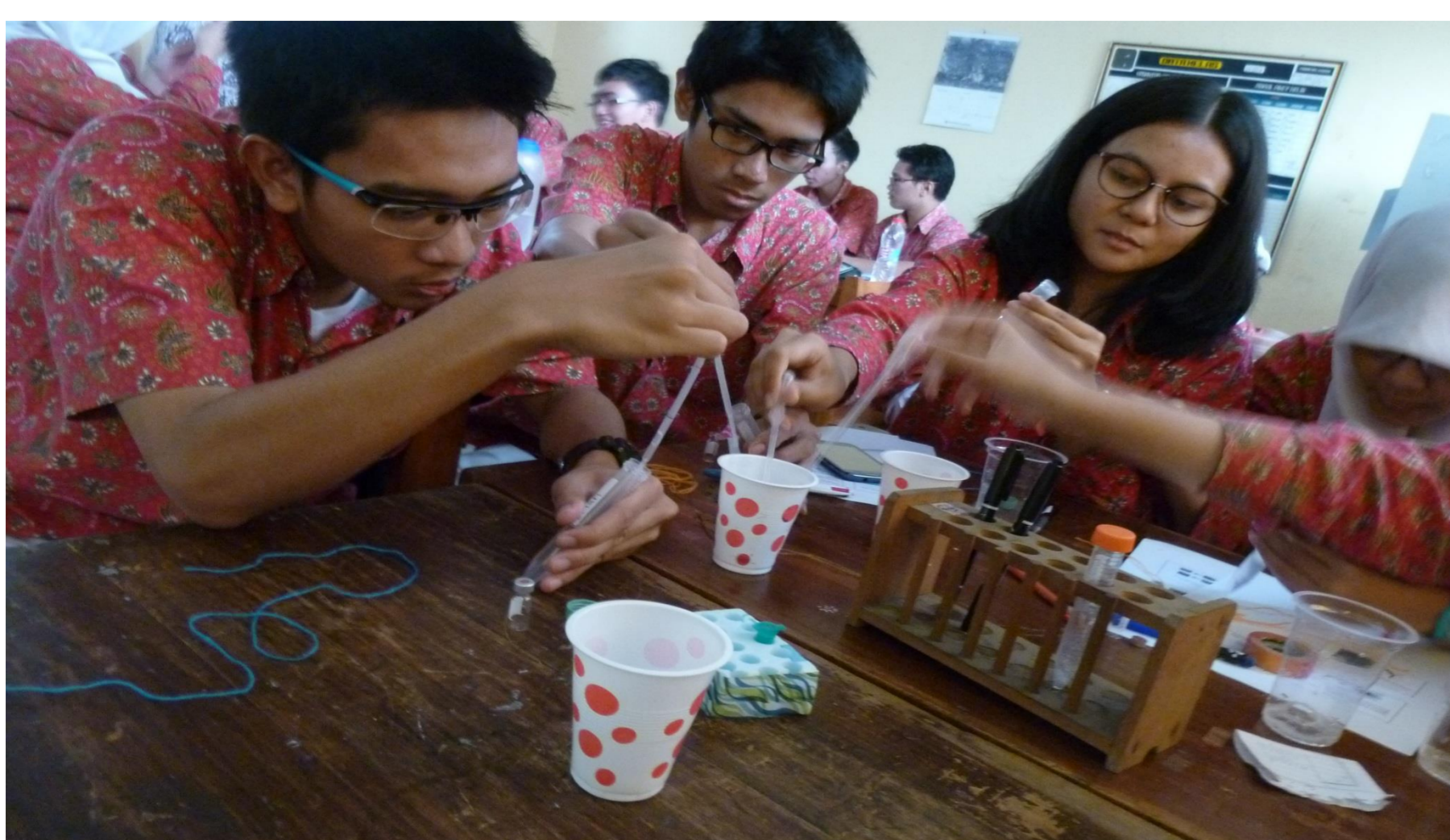
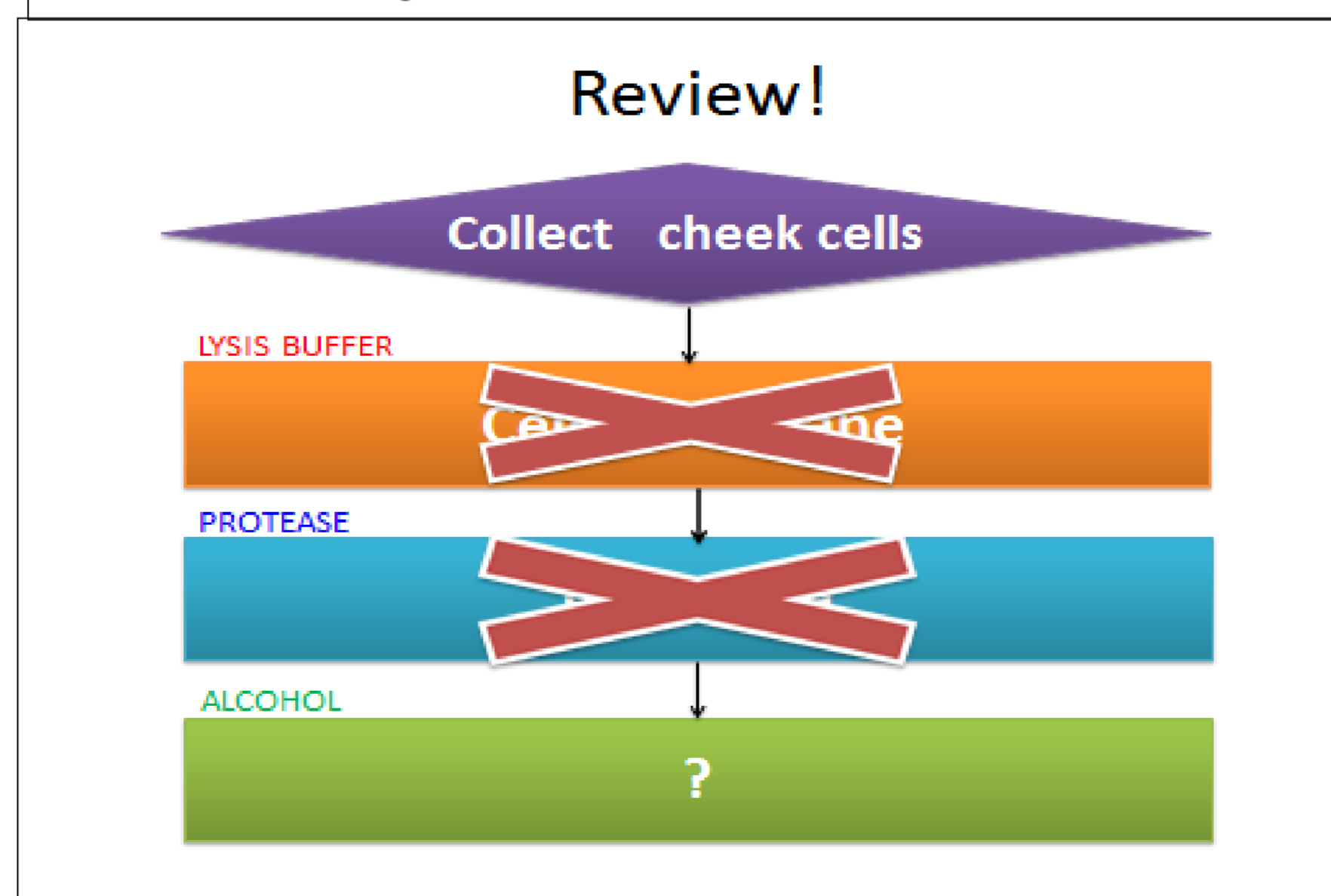
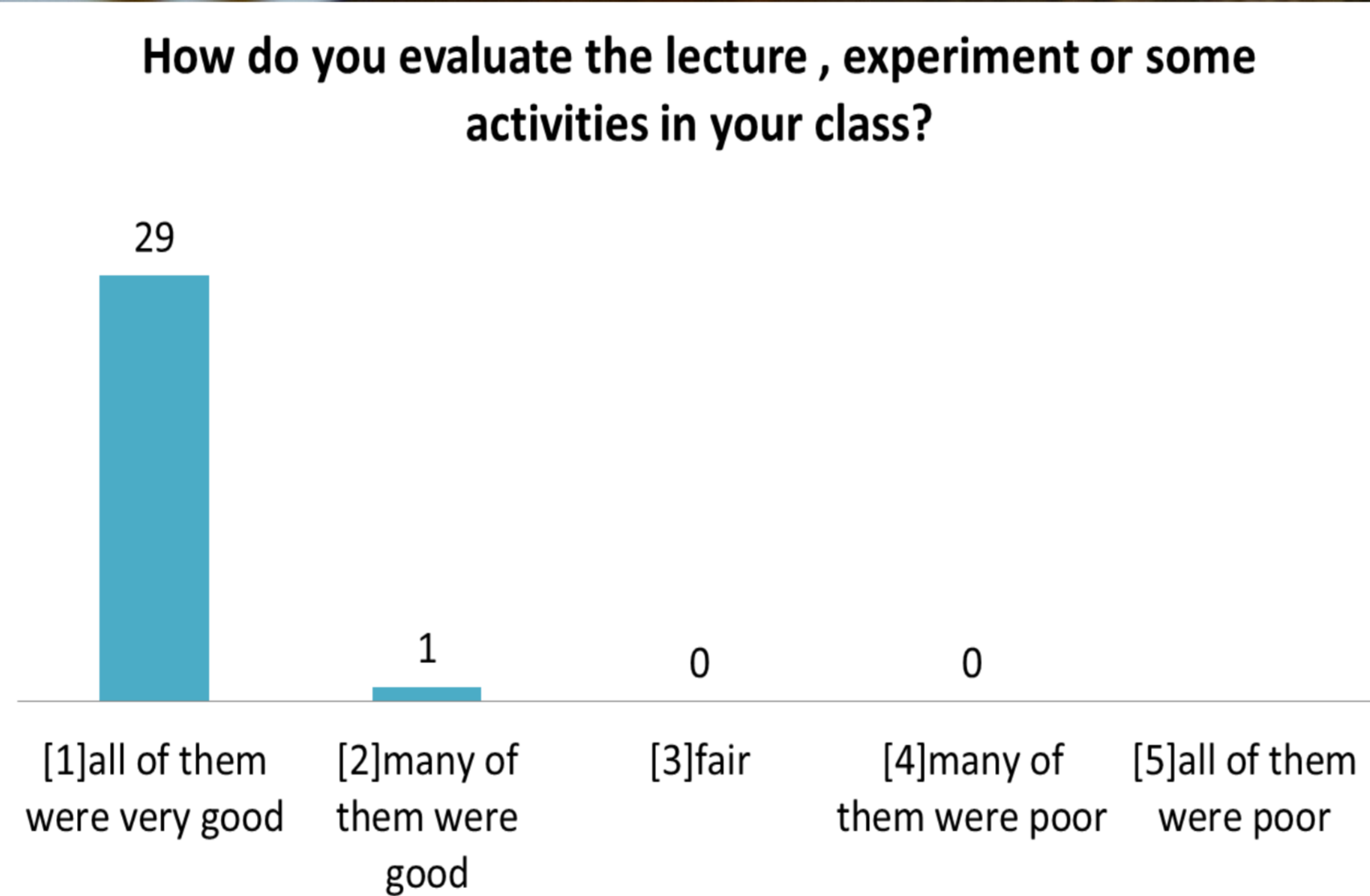
▪ We could understand how to make the lecture fun and attractive for Indonesian students.

▪ Through the activity, we gained self-confidence.

●Improvement

▪ Our English skills: We should teach students using easy-to-understand phrases.

▪ We had to prepare extra tools for experiment before we had left Japan.



Good points of our lesson

We let the students conduct experiments to visualize their DNA.

→Students' understanding of DNA was deepened through the experiment and discussion about it.

In introduction, we used Doraemon and NARUTO, which are famous characters in Indonesia and Japan, to emphasize that living things have DNA.

In addition we ensured that all students could participate in the lesson , such as incorporating some quiz-game.

Cultural Exchange

●In Bogor

- learn to play Angklung
- Tour Kampong(visit some home industries)
- Sing a Sundanese song
- Crossing the river
- Washing a buffalo
- Learn to make traditional cookies called, "bugis"
- Learn to make a puppet from cassava leaves
- Painting a farmers hat

●In High school

- Appreciating Tari saman
- Appreciating Kecak

●Jakarta city tour

- Eating traditional foods
- Appreciating old towns
- Interacting with local people