

Lesson Plan

Columbus School for Girls
Mandarin IV/V, xiaoli Doty/Teacher

2019

A semester unit (project-based, comprehension input): Water Pollution, listening : video food waster and control from all over world/japan elementary cafe, reading 青年世纪说, clothing waste/debate solution, final project/sample movie (杀木), data entry on a daily basis

Lesson Topic: Water Pollution	Date: 6/14/2019 Friday
Target Language: Mandarin Chinese	
Goal: Be able to be aware of the problems caused by water pollution.	
Objectives: 1. Be able to interpret basic information about "Water Pollution". 2. Be able to share ideas about solving the problem.	Activity: 1. Introduce goals. 2. Warm-up/Picture talk a. polar bear (color, weather, size) b. movie talk - i. 蝴蝶效应 ii. China's largest city has sunk 2.9 metres in 90 years 3. Introduce/review vocabulary. 4. List of global issue and basic cause 5. <u>Reading</u> : Sinking Shanghai/they learned shanghai for the transportation/entry to china unit/personal experience 6. <u>Interpersonal speaking</u> : debate cause 7. Presentational Speaking: Problems caused by "Climate Change" 8. <u>Interpersonal Speaking</u> /debate: We can make a difference 9. Notes taking: keywords of the day: 上海、下沉、原因、climate change, 海平线、浪费、水、电、石油、森林(map to compare)、 10. Presentational writing: 行动计划 11. Exit ticket 321.
Materials: ● Google site (for absent/review) ● Google slides-vocabulary review ● Vocabulary cards-match game/Battleship ● Worksheet ■ List of global issue and basic cause ■ taking notes/writing Chinese ● Video: 蝴蝶效应 ● quizletlive	

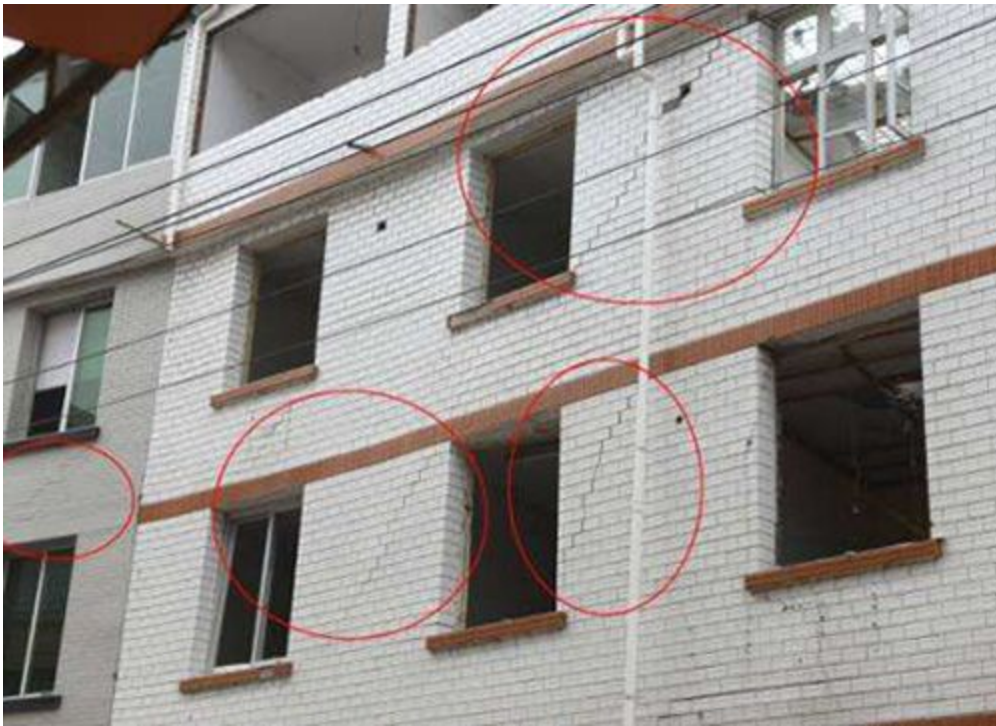
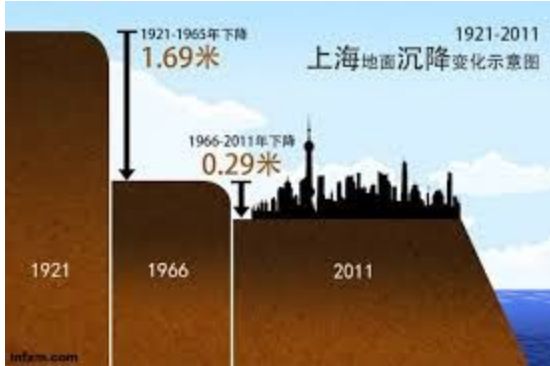


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- Exit ticket







Action plan

Action record. Each student pick a color to record on daily basis

X轴：date/水/电/食物

Y轴：水/洗澡时间，电/关灯/次/天，食物%浪费

1. Day 2, reading, jigsaw, reading 蝴蝶效应



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2. Day 4, scenario, what would you do if...?
3. Write letter local about the important of ...
4. Plant the garden
5. research plastic problem, argument/norm, region/theme, students sign up different country, research/submit paper claim arctic, how you respond to russian introduce break
6. 2-3 weeks, general approach, divided in groups, research, jigsaw/share, take them the school yard, compare a lot places in the world, tie that with the countries. 5 E designing: engage, explore, example, explain, evaluate
7. project based, question case study, rough out the unit, inquiry question: broad and open, debate/BJ air quality, US air quality center
8. how does river connect locally and globally, bottle toss in the alum creek travel all the way to the ocean, presentation: two of the river system student s to pick, historic impact, artistic impact, poetry; water pollution affect fish,
9. alanasis, environment issues, to mini project, 10 min. Presentation, talk about environment. Focus on one issue only, groups work on the same issue, research, collect data, find data/video, pause/pull back, regression, understand how this number are, project presentation: policy decision, 15 potcase discussion
10. introduce continent, amazon, which country connect with amazon, project: make a post/painting/song
11. what they see around them, how rain will affect us, osu sand table, show elevation, document Actic change
12. endangered species, "what species are affected by climate change/where this animal reside,
13. wild life. Assessment, general information, a whole report how they are vulnerable,
14. use panda to start, lower level, panda's family, difficulties in their lives, role-play/panda to be interviewed by a reporter, educate others
15. big question: why we should recycle, research about recycling, present recycling, video "plastic China", 2009 short/documentary, do google slide/short video what you've learned. Hands on process. No test, so flexible, the wartville wizard
16. teach about east hemisphere, 4 continent, interactive geo <https://online.seterra.com>, get kids to know the world. Compost, replenish soil \$16/month/bucket to collect. What's your food print. Mushroom eat plastic
17. walk around school, experience what people need to do to get water, talk about pollution
18. visual students, waste a lot of water, informative essay, waste water what do you do with it, where it comes from? Shower, bath,

If you want to succeed, Get yourself educated!



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Explore other things

What are the important things for them to learn? What's the best way to accomplish that?

You may pick one unit to try something new.

Amazon, dark earth, compare/contrast USA vs Africa, international law/intro/discuss,

