

We want to drink tap water while traveling!!!



Introduction

In most foreign countries it is not safe to drink the tap water. If they are able to drink tap water, there will be so many advantages. So we suggest a filter that we can use while traveling.

① The problem of trash

Fig 1

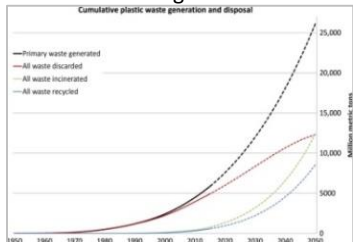
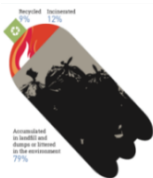


Fig 2



Research

② Health problem because of pet bottled water

Drinks that contain a lot of sugar are sold (Fig 3). Because of too much sugar cause of diabetes and obesity increase (Fig 4). Malaysia has low number of calories because of sugary drink tax which was introduced in 22 countries.

Fig 3

(Display information per 500ml of Coca-Cola)

	Energy(kcal)	Sugar(g)
Japan	225	55
U.S.A	240	65
Malaysia	210	53

Fig 4



If people change their drinking habits they can get **good results**.

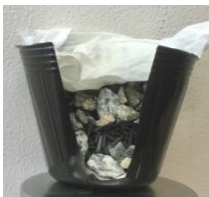
- skin much cleaner
- promotes against obesity
- relaxed and sleep well

~Introduction of filter~

<Handmade Filter>

Ingredients

- Plastic pot
- Cloth (or gauze)
- Pebble (gravel)
- Tissue
- Activated carbon



Step ①

• Collect pebbles and wash with water

Step ②

• Put these materials in order [cloth, gravel, activated carbon, pebble and tissue] and stuff in the plastic pot

Step ③

• Put the plastic pot above to water bottle and add water

<The Commodity>

- Halogen tablet
- Bottle will have function of cleaning water



Conclusion

If people can drink tap water, it will become the first step of solving health and environment problem.

How to spread

1. SGH DEBRIEFING SESSION

Summarize those on the world's issues.



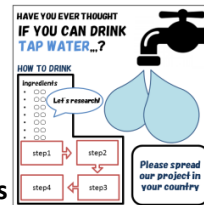
FOOD SUMMIT

Spread information to foreign high school students.



2. ORIGAMI ACTION

- Give origami containing message and information to foreign nationals
- Foreigners will have access to information and Japanese culture



References

- https://wedocs.unep.org/bitstream/handle/20.500.11822/25496/singleUsePlastic_sustainability.pdf?isAllowed=y&sequence=1
- <https://apps.who.int/iris/bitstream/handle/10665/260253/WHO-NMH-PND-16.5Rev.1-eng.pdf;jsessionid=28B7ED0CD5F2D65637A3B8B4399DF300?sequence=1>
- <https://advances.sciencemag.org/>
- <http://www.aquatabs.com/home>
- <https://waterbobble.com/>