2019/08/19





Masiala buan Masiala buan Idadaza dihanin Tuzai-nin tuzai-nin Sadu kata buan



Beautiful moon Beautiful moon Hanging high in the sky Coming soon Coming soon Watching the moon together



















Culture, people share the same value of living

The lost of aboriginal culture The mainstream of society pursue for the money, convenience life.

Leave from hometown to make money.









Live in the culture

Go to the village and learn the way how Indigenous people there live. The specific topic to learn. \rightarrow Millet





Life change lives

Bring back what we learn to school and share to others.

Through the process of learning millet culture, I find who am I and the way home.

I cherish the culture of the indigenous people and I want to keep it

passing on from generation to generation.





























Agricultural Spraying Drone







WHAT WE CAN LEARN FROM THIS EXPERIENCE The Benefits of Planting Trees



Combat climate change

Prevent flooding

Protect endemic species







Why Are Bees Disappearing?



Tung, Yin-chun 2019/07/18

Introduction

- Master's degree in Natural Resources and Environmental Studies, National Dong Hwa University.
- 3 years of working experience in a community based non-profit organization.
- Design environmental programs to help children and teenagers in poverty and special needs.
- A member of Hualien Permaculture Association

Origin

- A beehive of my family Almost all the bees died after
- a neighbor applied agricultural chemical









1-1 Let's "Bee" Friends **Role-playing Game:** • The male bees' job in the hive is to find a queen to mate The Queen in the hive lays eggs. The worker bees are all female and they do all the work for the hive. AGE AND RESPONSIBILITIES OF WORKER HONEYBEES Age (days) Responsibilities

- 1-2 3-5 Cleans cells and warms brood Feeds older larvae 6-11 Feeds younger larvae Hive repair, food transport within the hive, attend queen Guard the hive entrance Field bee collecting pollen, nectar and water 12-17 18-21
- 22-45
- iohoney.ca/educators/the-honey-bee#Workers aniaries.com/2018/04/02/castes-of-the-honey-bee/ https://ww



1-2 Bees As Friends: Fun Facts About Bees

Guess which of these facts are true?

- The queen will lay around 1,500 eggs per day.
- Male drone bees don't have a stinger.
- Bees have five eyes two compound eyes and three tiny ocelli eyes. Bees have two stomachs - one stomach for eating and the other is for storing nectar.
- Honey has natural preservatives and bacteria can't grow in it.
- A beehive in summer can have as many as 50,000 to 80,000 bees.
- The average worker bee makes about 1/12th of a teaspoon of honey in her lifetime.
- 70% of the crops depends on bees to be pollinated.



· learn about how to take care of bees and get along with bees



2-1 Bee's Role in Nature - Finding the Queen



Pesticide:

Herbicides

Viruses

















































Reduce stray animals

- ►Don't abandon
- ▶ Ligature
- ▶ Don't feed stray dogs and cats

Supporting eco-friendly products

Main treats and solutions

treats	solution
Habitat reduction	Protect their habitat
Roadkill	Design green crossing corridors
Conflict between Leopard Cat and Chicken Raising	Isolating chicken and leopard cat
rat poison	Supporting eco-friendly products
Illegal capture	Amending the law
stray animal	Reduce stray animals
Canine Parvovirus	

Conclusion

- ▶ The conservation of leopard cat in Taiwan is an urgent and important thing.
- If there is no more positive action, leopard cat may go to extinct in our generation.



- The IUCN Red List of Threatened Species https://www.iucnredlist.org/
- 石虎的美麗家園
- 1003/2015年5月 https://web2.nmns.edu.tw/Exhibits/107/LeopardCat/index.html 2018台中世界花井得覧會 https://2018floraexpo.tw/ 高高 wuowuo
- https://www.facebook.com/wuowuo.tw/?_tn_=%2Cd%2CP-R&e OM8HXCPxgF3eAL3tAfbJTIOkbs7KYr42AEc-vK_3isAClugzXORkmC
- DMBHXCPxgh3eAL31AH5J110kb57KY142AE 健行筆記 Https://hiking.bijl.co/index.php?q=new 台灣動物新聞網 http://www.tanews.org.tw/info/9524 我們約島 https://auxidand.ntc.om.tw/contant/f/

- https://ourisland.pts.org.tw/content/%E5%8A%A9%E8%99%8E%E6%A Ow3oCVIU25F2hUCJppQ6SwzMyI8Tm2QmtqO1z4mpDoiZ0vPj0vIWso





Việt Nam

OVERVIEW

- Introduce myself and three difference NGOs in Taiwan.
- Why I choose hunting issue.
- Local and Multiple governance , and also conducive to academic research.

台灣











Việt Nam			
	Culture	Environment	
	Indigenous peoples	Conservation	
	hunting	Mammalian wildlife	
			台灣









Việt Nam		
	What can we do?	
		台灣







Việt Nam Mammalian wildlife Academic Research wildlife population monitoring















台灣





- Name: Yi Chien(Oscar)
- From: Hualien , Taiwan
- Graduated: Life Science

Used to be an engineer of chemistry factory

Habit: Collecting sneakers











































BOD and COD

COD > BOD :COD can oxidize more organic matter in water compared to BOD

BOD/COD: the ratio of BOD and COD show the degree of pollution, lager ratio=more compounds that can be metabolized by microorganisms













































Rf10	Intro
▶ <u>Name</u>	Chih-Hsin Hsieh (Norah)
► <u>Background</u>	Education and Potential Development at Dong-Hwa University
► <u>Hobbies</u>	Climbing mountains, swimming , camping, music, movies







篮町6 証所7 正正町12	Course
Participants	1.4 th grade students(25ppl/class)→(5 groups) 2.grandpas/mas in the community (5ppl)
▶ <u>Time</u>	3 classes(40 minutes/class)
Motivation	1. Toy 4 2. Making toys and designing a game 3. "Show your passion and love to 1st grade students!"





