Preface

This is the third year since the Inquiry-based Learning Course was established at our school. The aim of this course is to improve the students' attitude toward tackling global problems which human beings now face, as well as academic knowledge and skills required for high school students. For this purpose, the students set up a theme they are interested in, and have been engaged in their project to solve the problems for about one year. This book is a collection of research summaries of the projects. It contains 24 projects on a wide range of topics by 70 students in total.

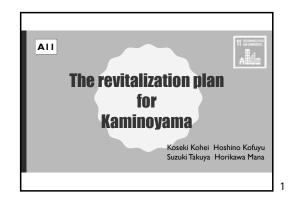
It goes without saying that the ability to communicate in English is essential when you tackle global issues cooperating with people from different countries. In order to improve communicative competence, you need to have as many opportunities as possible to use English in real-life situations. Therefore, we planned a trip to Singapore in order to provide the students with a chance to present their projects in English to teachers and university students. However, the trip to Singapore was cancelled because of the pandemic of COVID-19. Moreover, the substitute plan of going to Okinawa was also cancelled. In compensation for this, we held an International Exchange Seminar inviting eight Assistant Language Teachers and Coordinators for International Relations to our school on January 20. We also had a Singapore Online Seminar on January 29. In the seminars, the students made presentations, answered questions from English speakers, and discussed various topics. Some students had difficulty communicating in English at first but all the students made remarkable progress through these experiences. I expect they will be of great help for their future careers.

Lastly I would like to express great thanks to those who supported the students in working on their projects and those who participated in the seminars.

Principal Sugai Hidehiko

contents

ontents					
lo I	itle No p	age	title	member (普通科・理数探究科)	審査
1 /	A11	3	The revitalization plan for Kaminoyama 上山活性化	小関晃平・星野小冬 (鈴木拓也・堀川真那)	
2 /	A19	7	Reuse of closed schools 「未来をつくる廃校」プロジェクト	遠藤澄音 (鈴木緋菜・鬼海元・神優真)	
3 /	A20	11	We will not throw away garbage anymore! 生ごみ堆肥の普及によるゴミ削減	寒河江茜里・石原愛来未 (高橋晴仁・緒方佑太朗)	
4 <i>F</i>	A21	15	Food waste reduction committee Food Loss 削減委員会〜貧困と環境と私たち〜	鈴木美空・石川萌夏・木内真緒・栗田渚	
5	В2	18	Increasing Understanding of Dementia 認知症の理解の輪を広げよう	仁藤舞・辻間千尋 (林朋奈・軽部花・齋藤暖)	
6	В5	20	Evacuation evolution 最強の避難訓練をつくる	高橋健太郎・滝田透青	
7	В9	21	Local Rock Festival with corona 地元のロックフェスからこれからのフェスについて考える〜withコロナ〜	奥山華凛 (須藤叶羽)	
8	D2	23	The Relation Between Students and Reading 高校生と読書	佐藤千陽 (伊藤菜々子・木村絢香)	
9	E2	25	Aim for The Resolution of Hunger at The Small Farmer Level in Zambia ザンビアにおける 農家世帯レベルでの 飢餓の解決に向けて 〜小規模農家が利用できる堆肥づくり〜	上野智子・横山葵 (國井美羽・山口芽衣)	2位
10	E4	27	Solve the poverty by nutrituion education 栄養教育で貧困を解決しよう	今野彩由実・結城初音 (千葉映雅・土田一花)	
11	E5	30	Yamagata PRIDE ~A project to help high school students be proud of their hometown ユネスコ創造都市ネットワークの視点から高校生の地元愛を育む	若林哲平・神尾真知子・森谷菜都美 (門脇カリナ・土田一花)	1位
12	E6	33	Education for Girls in Pakistan 少女のための教育 in パキスタン	渡辺 司・横山 莉緒	
13	E7	35	Spread Model United Nations in Yamagata 模擬国連を山形に広めよう	佐藤優希 (山口拓登)	
14 F	F14	37	Psychology of a group activity 〜Let's find a solution to bullying!〜 集団行動の心理〜教育から紐解くいじめの解決策・	管井董玲 (山口朋夏)	
15 F	F17	39	The Best Color and Method for Memorizing 1番記憶しやすい色と方法は?	垂石ひなた (吉田遥)	
16 F	F19	42	Comparison of Education in Different Countries 各国の歴史教育の比較	高野友花・情野未華・橋本ゆりえ	
17	F2	45	Think about the meaning of "WORK" and Decrease the number of NEETs 「働く」の意味を考えることでニートを減らすことを目指す	横沢佳南・橋本和花	
18 F	F21	4/	Meaning of Life 私たちの生きる意味	三浦 理織 (西村 慎史)	
19 F	F22	49	Japanese people and religion 日本人と宗教	高松歩乃佳・本間小夏	
20	F3	52	Yamato Pamphlet in English パンフレットで山東を世界へ	増川旭陽・渡邊啓太・伊藤悠真・川部凌	3位
21	F4	54	About the rise of China predicted from the past case 過去の事例から予測する中国の台頭について	高橋広翔	
22	F9	56	Goodesign	平澤藤次・大場遼 (田中玲音・長坂翼)	
23	J2	58	Promotion of plant growth using rhizobia 根粒菌を用いた植物の成長の促進	黒澤優斗 (山岸匠・三瓶杏太)	
24 F	K12	60	Promoting use of ICT in school ~application example of online time table~ イベント速報システム	佐藤秀人	
21 22 23	F4 F9 J2	54 56 58	Yamato Pamphlet in English パンフレットで山東を世界へ About the rise of China predicted from the past case 過去の事例から予測する中国の台頭について Goodesign Promotion of plant growth using rhizobia 根粒菌を用いた植物の成長の促進 Promoting use of ICT in school ~application example of online time table~	高橋広翔 平澤藤次・大場遼 (田中玲音・長坂翼) 黒澤優斗 (山岸匠・三瓶杏太)	泰悠真・川部凌

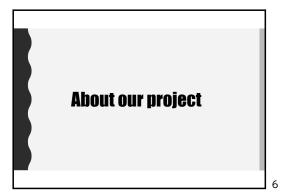


What do you know about Kaminoyama?

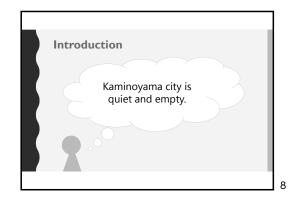


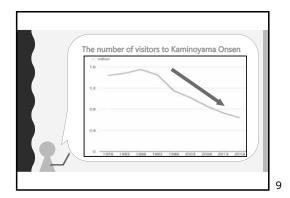


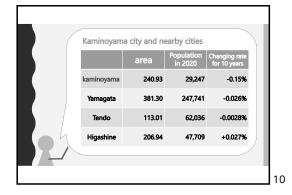


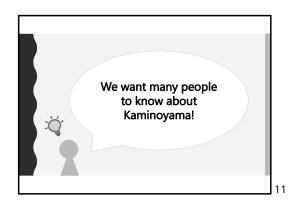








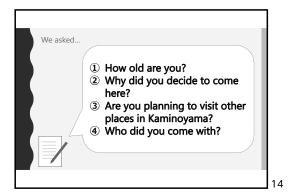


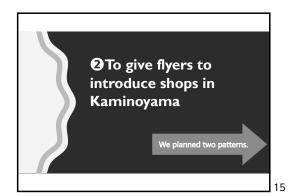




To take questionnaires in

Rikyu-do and Sobadokoro
Ikkyu



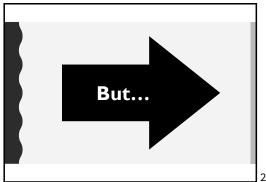


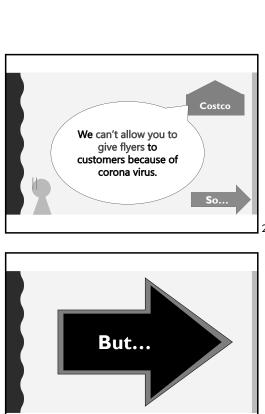




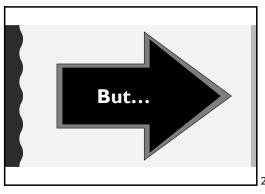


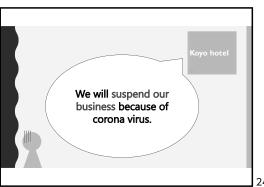




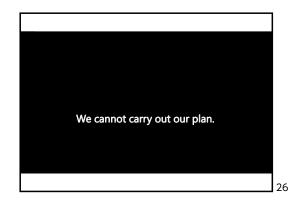




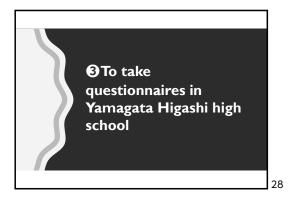


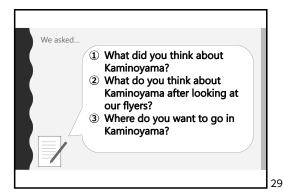




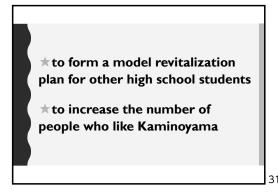




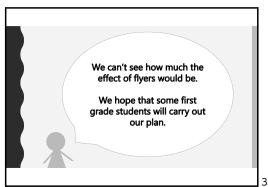








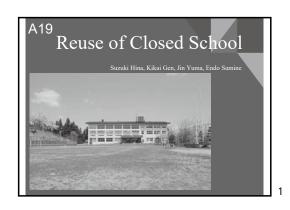






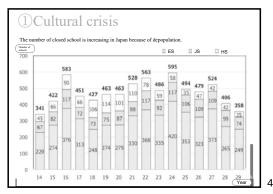




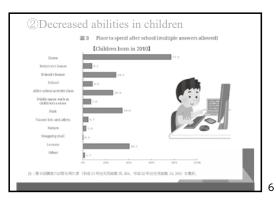


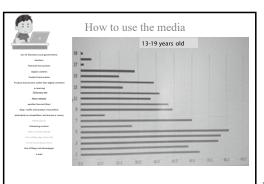


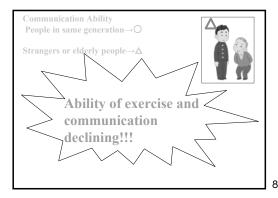


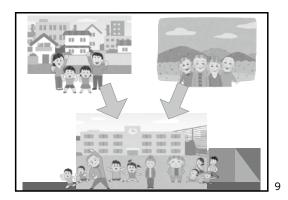




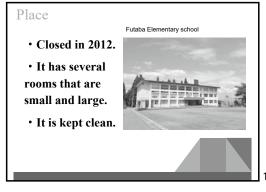


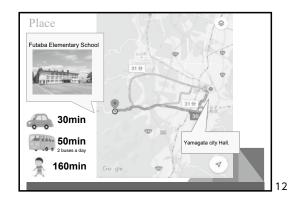




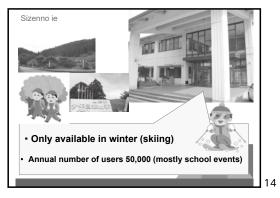


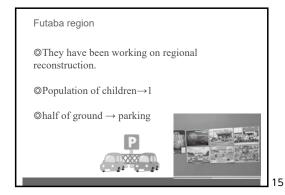


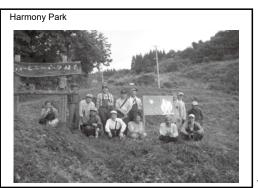




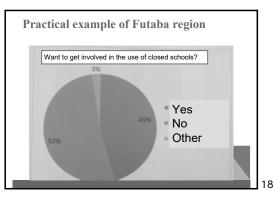




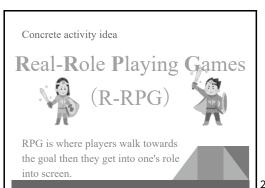


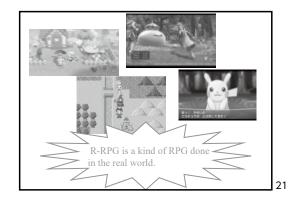












Advantage Points of R-RPG

- ①Only "stories", "roles" and simple tools.
- ②Children who often play games can enjoy.



It is easy for people to participate.



An indispensable condition.

- **①Children can enjoy.**
- 2 Minimize the burden on local people.
- ③Involvement of children and local people.

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Treasure
Hunter
Find the treasure in Futaba elementary school!

 \sim Story \sim

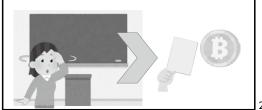
The headteacher of the school hid the treasure there.

Look for that with mission sheet!



MISSION1

Search the school and find the clues to the treasure and coins



Player can get a card

What is the most famous food in Futaba?

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Mission2

Ask the residents to solve the questions



Mission3

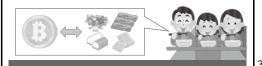
Go to where treasure is hidden



Player gets the treasure.

That is heart of the bonding of everyone in the direction!

Then everyone experiences soba-uchi, and eats.



4 Future Plans

- · Have a third party correct this plan
- · Put this plan into action
- · Have a junior take over this plan



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Cooperators • References

元双葉小学校利活用委員会事務局長 黒沼正良様 山形市少年自然の家指導主事 元木徹様、山口雅和様 双葉を良くする会二十五年のあゆみ

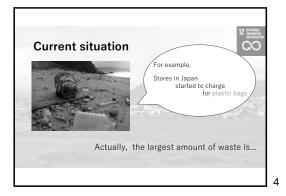
総務省令和元年版情報通信白書 文化省21世紀出生児縦断調査 (平成22年出生児) Thank you for listening!

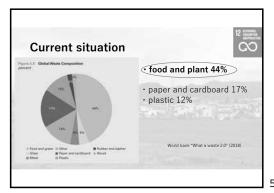










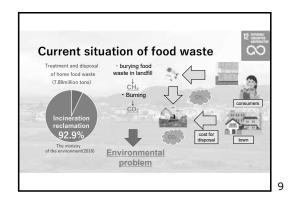




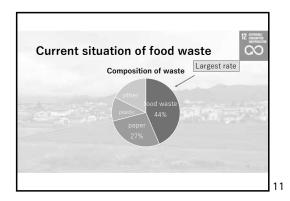
Current situation of food waste

What percentage of food waste is recycled?

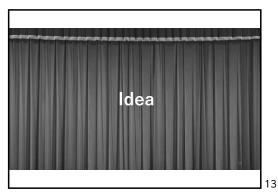




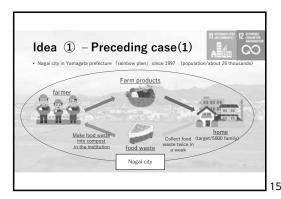


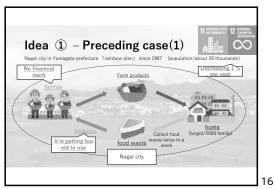


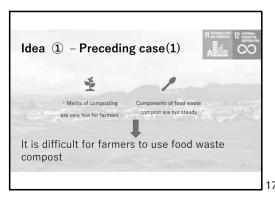


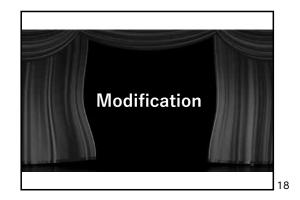




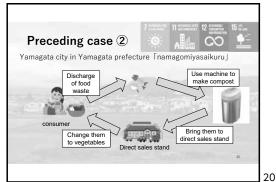




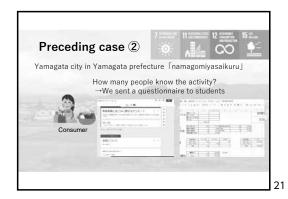


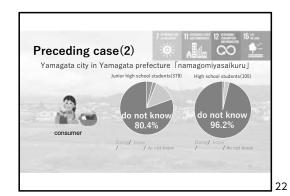


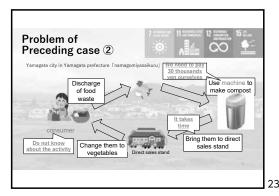


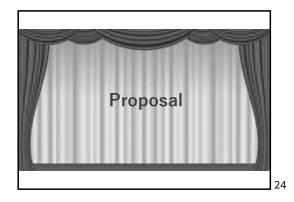


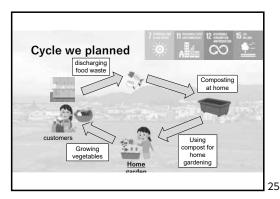
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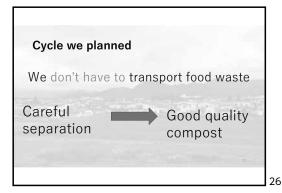






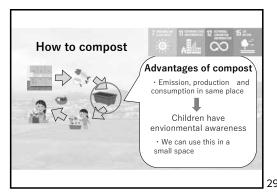


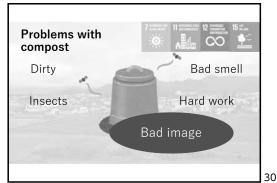


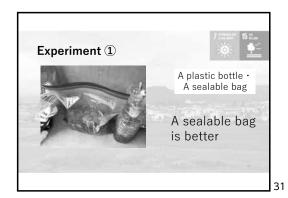


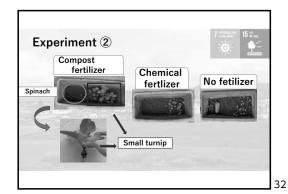


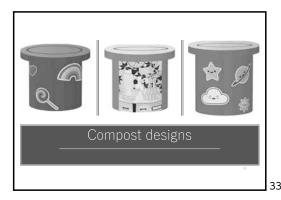




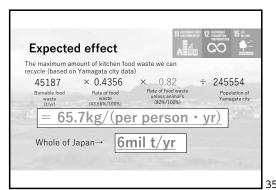


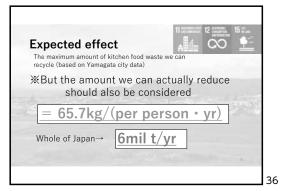
















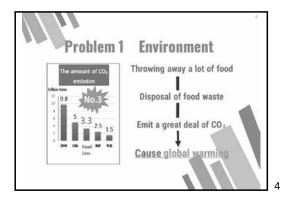


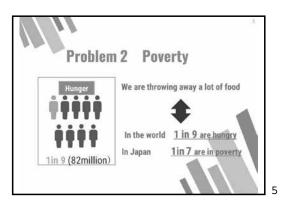




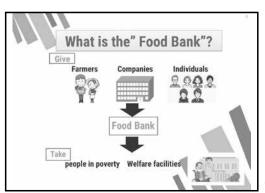






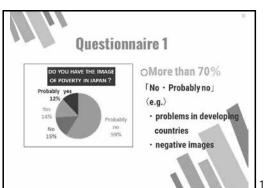


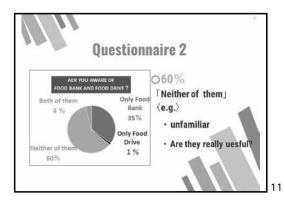














Purposes
make students know about
"Food waste", "Food Bank",
and poverty around us

Do Promotion—collect
— give them "Yamagata Fukuwatashi"

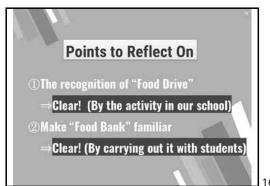


Points to Improve On

increase the number of promoting activities

display the sample

create the system to check whether they meet the rules



Future aims

Spread "Food Waste measures" to the region

Conduct food drive at Yamagata city hall
Get featured in media
Original posters
Spread the measures that can be taken at home



Hand out flyer

O Distribute to those who cooperated with the food drive

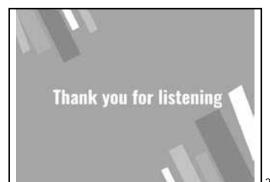
Main topics

- about food waste

- Days to check in the refrigerator







В2

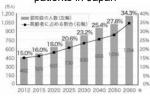


Increasing Understanding of Dementia

Member

Hayashi Tomona/Saito Haru/Karube Hanna/ Nito Mai/Tsujima Chihiro

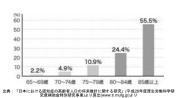
Future estimation of dementia patients in Japan



出典: 「日本における認知症の高齢者人口の将来推計に関する研究」(平成26年度厚生労働科学研究資補助金特別研究事業)より算出(www.tr.mufg.jp)より

2

Percentage of dementia patients



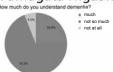
Aim of study

To offer a lecture to increase understanding of dementia

1

Activity

 Conducted a questionnaire about dementia to students in Yamagata Higashi



Activity

- Visited the nursing home and 'sakuranbo cafe'
- Participated in family gathering

] (

Activity

 Planning a lecture to deepen understanding of dementia



What was learned about dementia



8

Points to keep in mind

- Taking dementia patients out
- Consider about family's worries
- Creating an environment where patients can spend their time confortably

How to treat people with dementia

- Respecting their will
- To encourage independence by not helping too quickly
- Treating with a gentle feeling





What we need to know

- Dementia patients are the same as other people
- Current status of family members who are taking care of their parents

Lecture

Online lecture by zoom on December 12th



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Aim

- To learn fundamental knowledge of dementia and how to care
- To deepen understanding of dementia

Content

- 1 Explain about fundamental knowledge of dementia
- 2 Certified dementia special care workers talk about their experience
- 3 Question and answer session

14



Result

- All answered that their view of dementia had changed
- Some said that they could attend the lecture and ask a question easily

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Result

- All the answered + it their
 - . They became interested in dementia
- Some a year'd attend the ecture and ask a question easily

Conclusion

- Some still have prejudice against dementia
- Online lecture is effective in increasing the young's understanding of dementia

18

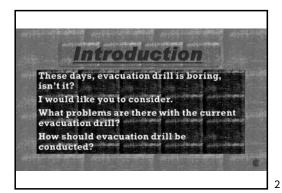
<u>Acknowledgements</u>

山形市役所長寿支援課 佐藤美由紀様 ときめき七日町 細合知子様 さくらんぼカフェ 佐藤知生様 草苅さえ子様 認知症の人と家族の会山形県支部御中 おれんじサポートチーム えがお 竹田征子様



Thank you for listening!

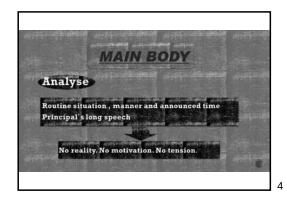




Analyse current evacuation

Research various evacuation drills

Make an ultimate drill

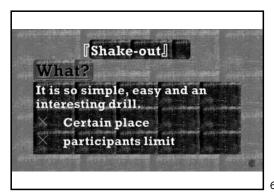


Research

Gap

For example, in America, drill for shooting is emphasized.

It is impossible to apply foreign drills to Japan because of climate, geography and lifestyle.

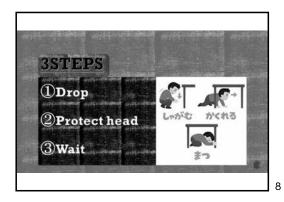


Register at HP or through schools or local government

Learn at HP or by taking part in lecture before drill

Do the drill

Send feedback through SNS



Merit
•It is practical
•It is fun ⇒ high motivation
•It is easy

Ultimate drill

() Yamato high school creates information about shake-out with other high schoole, g Yamakita Yamanann)

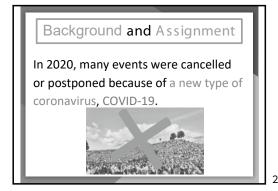
(2) Students take a lesson on the inferset the previous day

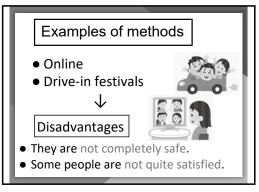
(3) On the day, students do 3step drill

(4) Then students send feedback through SNS

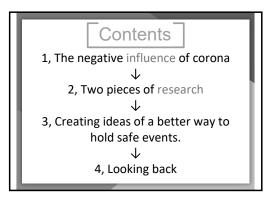
—They can communicate with other school

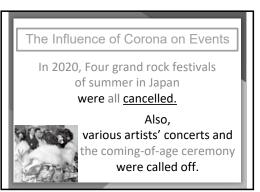


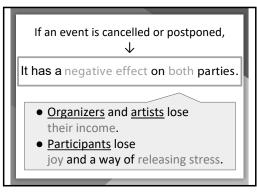




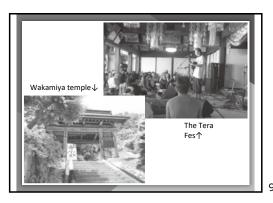












According to Noborisaka Naotaka

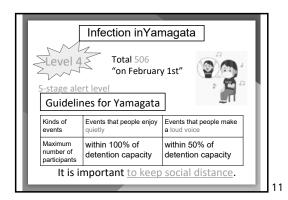
The followings are important. ↓

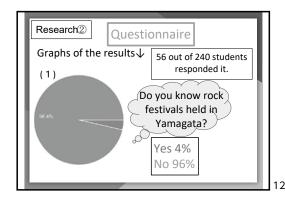
©The strong motivation

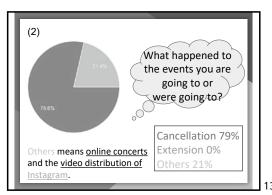
• To follow the guidelines for holding a safe event.

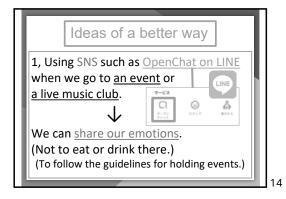
• Not to rush into planning an event.

• Online concerts

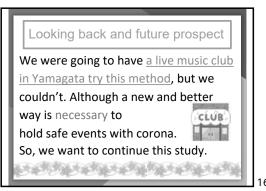




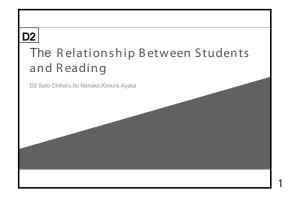


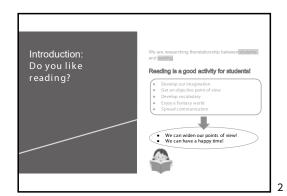


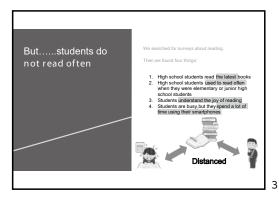


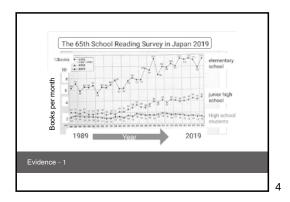


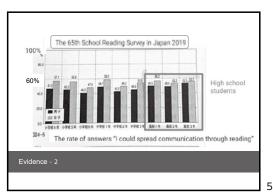


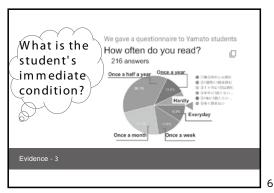


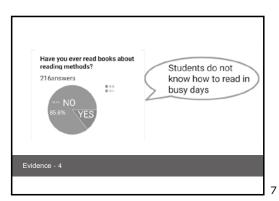


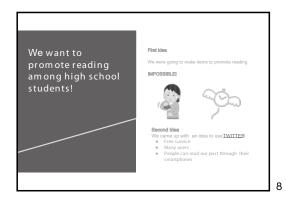


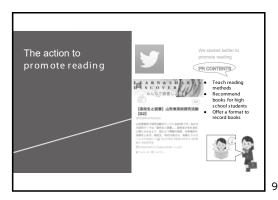




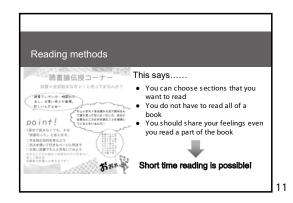


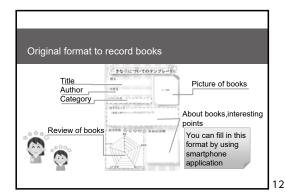


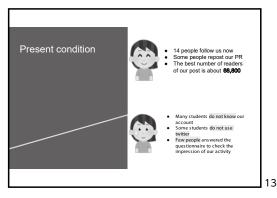


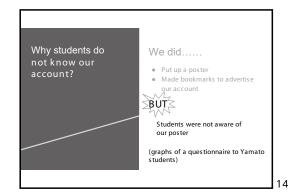


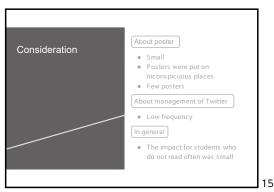


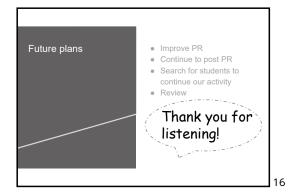


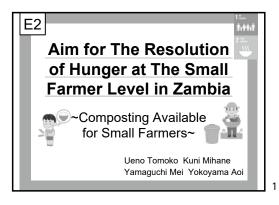


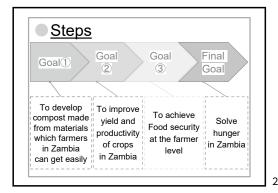




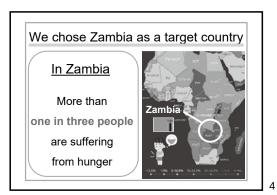


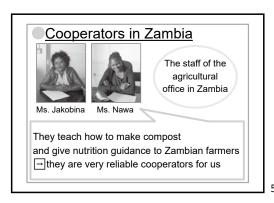


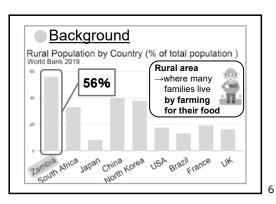


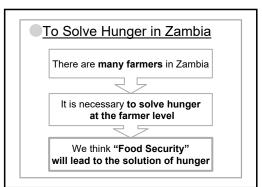


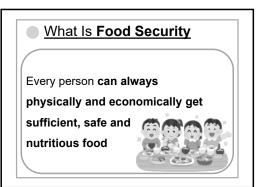






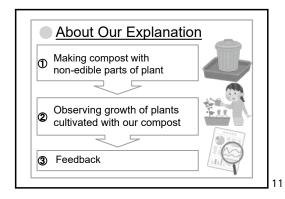


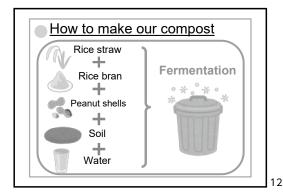


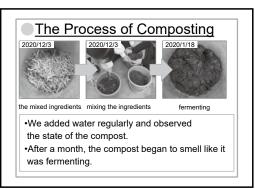


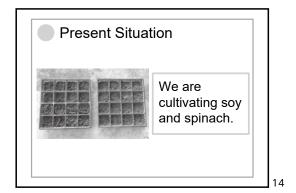


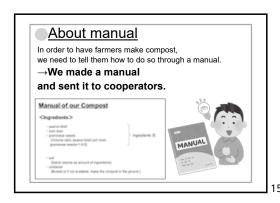


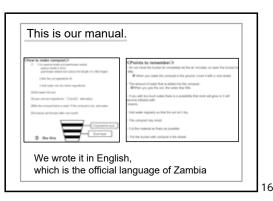


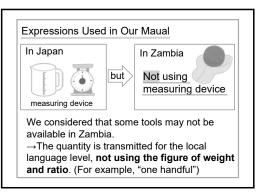


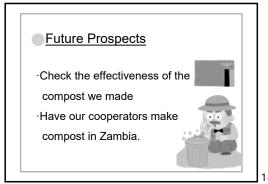












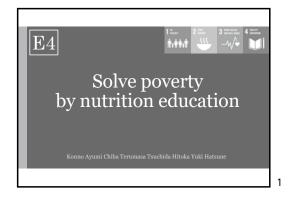
We wish to thank Mr.Ono Ryo,
works for JICA Yamagata desk,
Ms. Nawa, works for Country Agricultural Office
in Zambia as a Nutrition staff,

Acknowledgments

Ms. Jakobina, works for Country Agricultural Office as a Agricultural extension worker, and everyone who helped us for advice on our study.

https://docs.wfp.org/api/documents/WFP-0000112621/download/https://data.worldbank.org/indicator/SP.RUR.TOTL.ZS?end=2019&start=1960&view=charthttps://www.aif.gr.jp/lanq_ia/activities/fs000.html
Goto Itsuo(2014) ["Illustration You can understand easily how to make and use compost"] a general corporate judicial person le no hikari association

20



Key word is **nutrition**

What is poverty?

Poverty is

"A situation in which people do not have access to the most basic goods and services, such as education, work, food, health care, drinking water, housing, and energy"

1. Relative poverty

This is defined as the level of poverty <u>compared</u> <u>to the surrounding area</u>.

2. Absolute poverty

This is defined as people who are <u>living on less than \$1.9 per day.</u>

• Thailand's gap between rich and poor is the biggest in the world

Southeast Asia



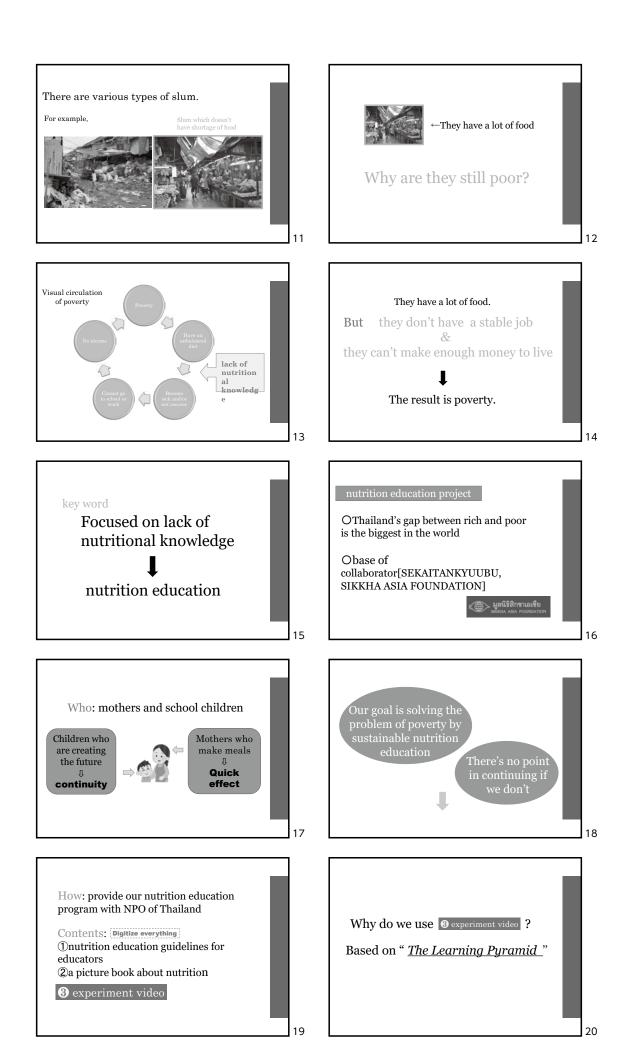
- There are many people who are living in relative poverty
- · Japan is part of Asia

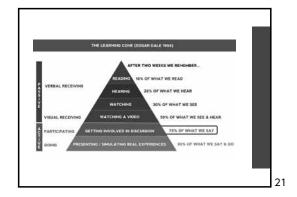
What do you think a slum is?

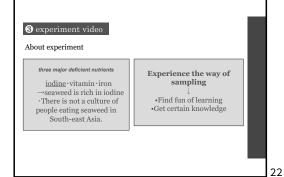
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A slum is "an area in an urban area where poor people live together.









Experiment video

Experiment: Control
(material)
-seaweed -4% hydrogen peroxide
-solution of 1% starch -sulfuric 2 mol/L
(procedure)
① 5g of dried wakame (a brown seaweed
native to the coasts of Japan and used in
various Japanese dishes) and kelp burn to
ashes.
② mash ①

③ add 25 ml of water to ② and filter those
④ add 2 ml of sulfuric 2 mol/L and 4%
hydrogen peroxide to filtered starch and
confirm the change in the color of the
solution.
⑤ add solution of 1% starch to ④
and confirm the change in the color of the
solution.

Activity plan

Step1
Step2

- Decide the content of the experiment and nutrition education.

- Decide the content of the experiment and experiment and nutrition education.

- Create educational program.
- Ex.) guidelines for educators, a picture book about nutrition, DVD of the experiment

- Provide to SIKKHA ASIA FOUNDATION a Get feedback
- Get feedback

References

THE LEARNING CONE (Edgar Dale 1969) by Sean MacEntee

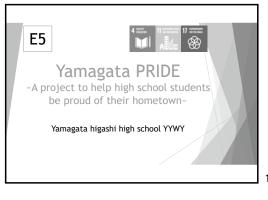
・愛知県会会教育センター海藻からヨウ系を称り出す
https://apea.ichic-cet.jp//youka/ria//kagakat/2018/bunri/kaisonkarnyouso/kaisonkarnyouso.htm
2020年10月11日

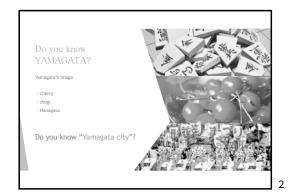
・2020年12月17日シーカーアジア財団 インタビュー

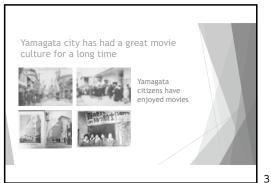
・せかい探究節 楽里忠史教授、新江製佳先生 インタビュー

Special thanks to everyone who supported our study.

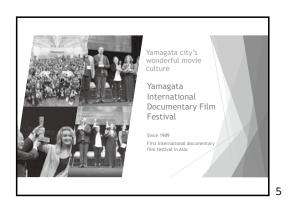
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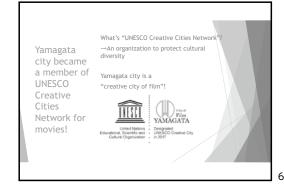








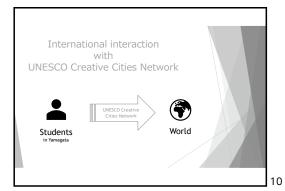




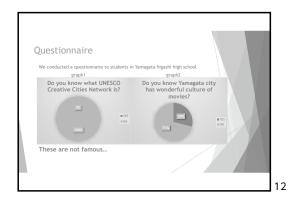


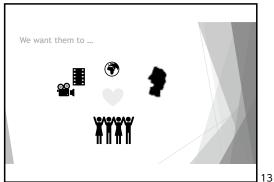


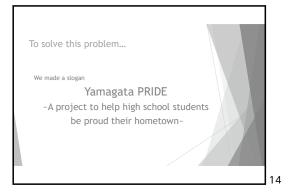


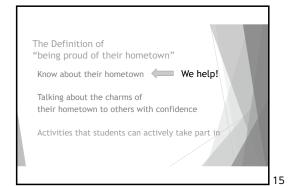


















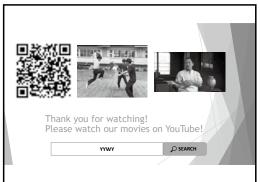


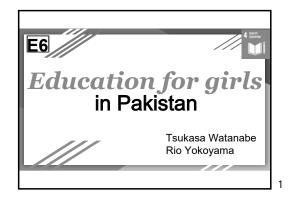


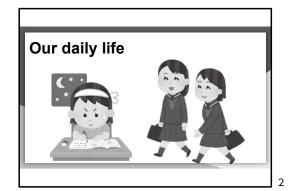
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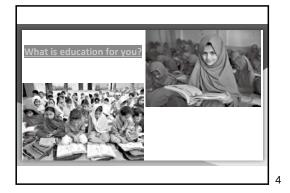








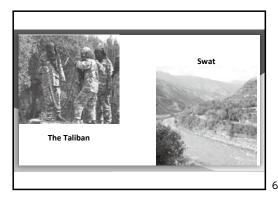
in the world......
330 million children can not go to school.

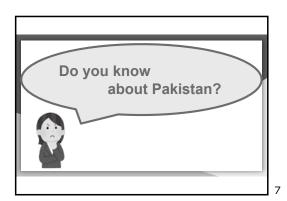


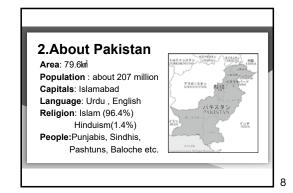
1.Motivation

We learned about Malala Yousafzai from Pakistan in our English class. We knew that she is working hard for children to get the right of education. We were very interested in the right of education ,so we decided to study about this.

One child, one teacher, one book, one pen can change the world







3.Current situation
of education

The literacy rate (people of age 15-24)
(x) 80
40
200
2000 2005 2010 2015

A total school rate of elementary education

Period 1 Proted 2

(%) 100 2005 2010 2015

The literacy rate and a total rate of education are increasing. But the difference between boys and girls still remains.

4. Consideration

Main two reasons why girls cannot go to school.

1.Poverty

Monthly income	Education costs
18,000yen	700~42,000yen

2.Female disdain

- · There are some people who discriminate against women
- Some women were injured or killed because of
- · Also, there is a case in which the law, which allow husbands

to beat their wives lightly, was suggested.

We think there are other reasons, so we will continue to

Article about 'lightly beating' (BBC)

Who are the Pakistani group proposing to 'lightly beat'

A Pakistani group has come under fire for drafting a so-called women's protection bill that suggests a husband can lightly beat" his wife to keep her in line.
What is this body and does it have any real power? The BBC's M Ilvas Khan explains.

Article about 'lightly beating' (BBC)

o stranger to controversy, the CII has fa sult of the draft women's protection bill

Portions of the draft leaked to the media recommend a husband should be allowed to "lightly" beat his wife if, among other things, she refuses to dress properly or turns down overtures for sexual intercourse. It also prohibits female nurses from taking care of male patients, and bans the presence of women in receptions held for visiting foreign dignitaries.

Punjab Law Minister Rana Sanaullah rejected the proposals, saying: "Islam does not allow any violence, whether against women or children." awyer and human rights activist Asma Jahangir told Geo TV that the propos

The independent Human Rights Commission of Pakistan termed the proposals "ridiculous", and recommended the abolition of the CII.

Article about 'honor killing' (CNN)

Hong Kong (CNN)Two women in Pakistan have been murdered in a so-called "honor killing" after a video showing them kissing a man circulated online.

The cousins, aged 22 and 24, were shot and buried on May 14 in a remote village in Pakistan's North Waziristan province, according to police officer Muhammad Nawaz Khan

Article about 'honor killing' (CNN)

are an estimated 1,000 honor killings each year in Pakistan, a d them, as they often go unreported or are gged as a suicide or natural death by family members, the report ac

October 2016. Pakistan passed a bill that fixed a loophole that allowed killers to es

nor killings in Pakistan now carry a life sentence, they and the majority are against women perceived to have

5. Conclusion

The reasons why the girls in Pakistan do not go to school are very complicated.

We could not find one specific reason.....

6.Perspective

We sent an email to the Pakistan Embassy and we are waiting for an answer. We will get more information about education in Pakistan and we will think about the reasons why girls cannot go to school.

7.Reference

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E7



Spread Model United Nations in Yamagata

Yamaguchi Takuto Sato Yuk

What's Model United Nations?

Model United Nations is a conference which high school students join and discuss world problems.



2

MUN flow

Advance Research

- agenda
- country



MUN flow

- 1 Declare the opening of the session
- 2 **Debate** ①Formal speech
 - 2Informal Debate
 - A: Moderated Caucus(MC)
 - B:Unmoderated Caucus(UC)
- 3 Voting action
- 4 Adjournment of the session

4

Example

(All Japan Education Model United Nations2019)

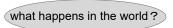
Agenda:International Migration and Development

Point: 1 Brain Drain

- 2 Irregular Migrant
- 3 Discriminaton against migrants

Result: One draft resolution

Why MUN?





MUN

6

Why MUN?

We can learn...

- •how to research
- •how to speak in front of many people
- •how to take a wider view
- otalking with a lot of students from different schools

More advantages!

Why MUN?

- ·In Kanto or Kansai
- →a lot of Model United Nations
- ·In Tohoku or Yamagata
- →No conference!

8

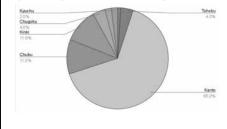
MUN conference in Japan

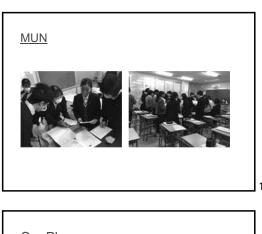
· All Japan High School Model UN conference (全日本高校模擬国連大会)

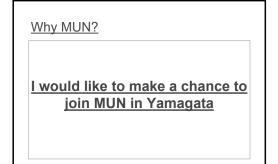
winner→New York

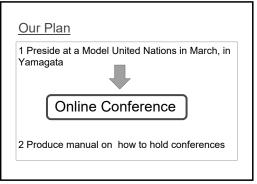
· All Japan Education Model United Nations [AJEMUN] (全国高校教育模擬国連大会)

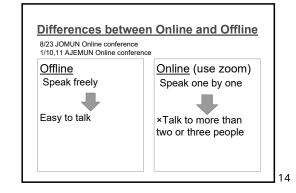
How many students joined 2019 AJEMUN conference (AJEMUN: All Japan Educational Model United Nations)

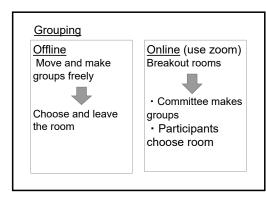


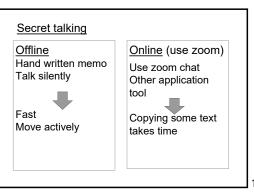


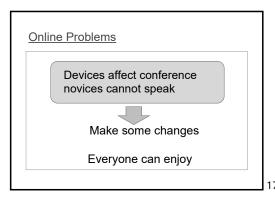


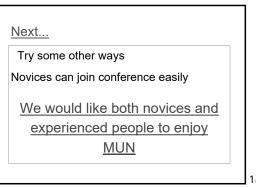






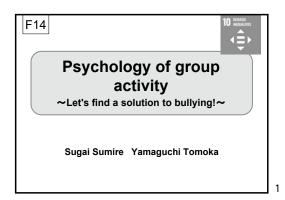


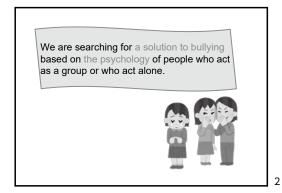












Reason

There are "groups" and I often saw they were the cause of bullying when I was an elementary school student.

We think we should search for a solution to bullying.

Education in Japan is promoting the group.
 There are many people who act alone.

 There are many people who act alone.

Educational methods that are not suitable for introverts create disparities in their ability to interact with people

"Extroverts with low arousal levels act to engage with more others in order to raise their arousal levels to appropriate levels.
Introverts are more likely to fall into excessive awakening quickly and tend to avoid exposure to stimulating experiences and to avoid interacting with others to reduce their arousal levels."

(Koji Hasegawa 1996)
* arousal level: Appropriate tension that maximizes performance

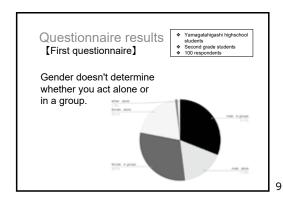
Hypothesis

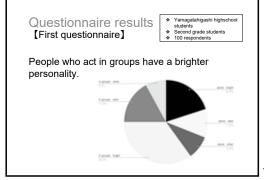
- Introverts, who are not good at engaging with people, tend to be the victim of bullying.
- Extroverts, who are good at engaging with people, tend to be the bully.

Questionnaire results

[First questionnaire]

- Yamagatahigashi highschool students
- Second grade students
- ♦ 100 respondents





Yamagatahigashi highschoo students Questionnaire results [First questionnaire] Being good at interacting with people has no relation to whether you do things in a group or alone.

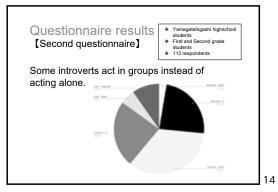
Questionnaire results

[Second questionnaire]

- Yamagatahigashi highschool students
- First and Second grade students
- 113 respondents

12

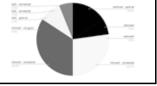
Yamagatahigashi highschoo students First and Second grade Questionnaire results [Second questionnaire] There are more introverts than extroverts.



Questionnaire results
[Second questionnaire]

* Yamagatahigashi highschool students
tudents
* First and Second grade students
* 113 respondents

- Many introverts are not good at interacting with people, and many extroverts are good at interacting with people.



Suggestion

- · The school allows you to decide whether to study alone or in a group.
- ↑ Some extroverts act alone, and some introverts act in groups.
- Change the content of the bullying questionnaire conducted at school

16

Next Step

- Take a questionnaire to elementary and junior high school students
- Find successor for research



Find a way to prevent bullying

Acknowledgments

We want to thank them very much!!!

- Yamagata higashi high school students who answered our questionnaire
- Teachers who advised us

18

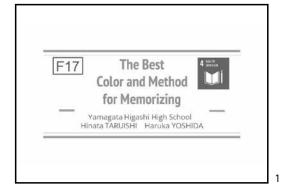
References

内向性がソーシャル・サポート過程と精神的健康に及ぼす効果(長 外向- 内向性がソーシャル・ 谷川孝治 1996):https://soar-

内间型整計 アス https://mublog01.com/%E3%81%82%E3%81%A4A%E3%81%9F%E3%81%AE%E6%82%A9%E3%81%BF%E3%81%AF%E5%BC%B7%E3%81 %BF%E3%81%AF%E5%BC%B7%E3%81 %BF%E3%81%B7%E3%81%B7%E3%81%B7%E3%81%81%B7%E3%81%B7%E3%81%81%B7%E3%81%81%B7%E3%81%81%B7%E3%81%81%AE%E5%95%8F%E3%81%84%E5%95%8F%E3%81%84%E5%95%8F%E3%81%84%E5%95%8F%E3%81%B7%E3%81%B7%E3%81%B7%E3%81%B7%E5%95%8F

Thank you for listening!





Aim & Goal

- 1.Present situation
- 2.Aim
- 3.Goal

2

Aim & Goal

1.Present situation

We memorize so many things in our busy daily life

Aim & Goal

2.Aim

Find the best color and method

,

Aim & Goal

3.Goal

Enable students to memorize more efficiently





Method

Questionnaire Experiment Application

Method

1.Questionnaire

- About Colors for studying
- Target
 High school students

Method

2.Experiment

· Aim

Find the best color and method

· Subjects

10 high school students

8

Method

3.Application

Let students know the results

Questionnaire

Colors students use for studying

Red
22.7%

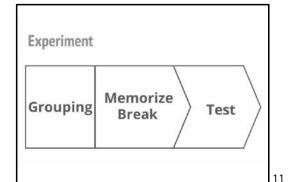
41.0%

Blue
15.4%

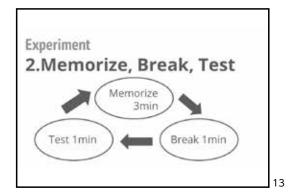
Blue
15.4%

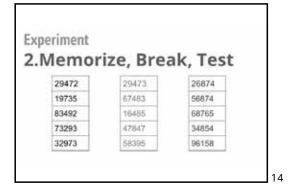
Blue
15.4%

Blue
15.4%

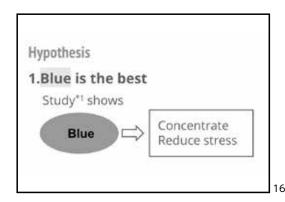


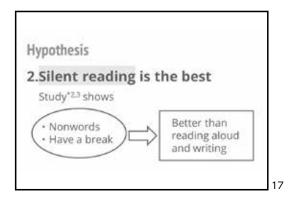


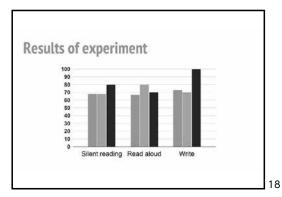




1.Blue is the best
2.Silent reading is best







Writing in black seems the best

Discussion

Can NOT declare writing in black is the best for every student

Prospects for the future

- 1.Conduct experiments on English or Japanese words
- 2.Conduct experiment with other colors

References

- *1 Suppression of Physiological Stress Reactivity by Blue Color:A Salivary Cortisol Study(Shusaku Nomura,2014)
- *2 Effects of Silent Reading and Vocal Reading upon Memory for Prose (Toshiaki Mori,1980)
- *3 記憶促進における反復書記の有効性に関する検討(見崎研 氏・仲真紀子)

Special thanks

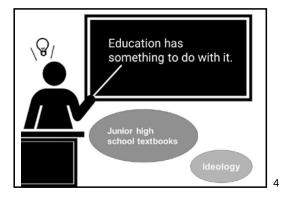
All teachers and students who cooperated with our study

_ 24

Thank you for listening.



Background Purpose



Key words Mutual Diversity Understanding

Study Aims



- oTo help improve relations and reduce antagonism that is caused by differences in education between Japan and other countries.
- oTo help Japanese young people see things from various points of view.

Result of textbook analysis Objective of historical education

Japan China Bar ○ Patriotism In the globalizing ○To follow the basic international nations. principles of Chinese Communist Party OBuilding socialism Broad perspective OStrict observance of oPeaceful. the basic principles democratic nations of Chinese and societies Communist Party

Results of textbook analysis Characteristic descriptions in the textbooks

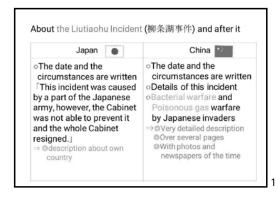
1931 The Liutiaohu Incident happened.

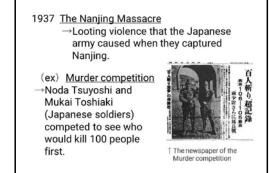
→It was the beginning of the Manchurian Incident.

<u>*The Manchurian Incident</u>

- →Conflict between the Japanese army and the Chinese army at Manchuria.
- →The Kwantung army (main unit of invading China) captured Manchuria and established Manchukuo.

Lytton Commission-

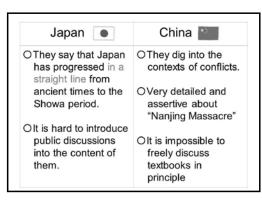


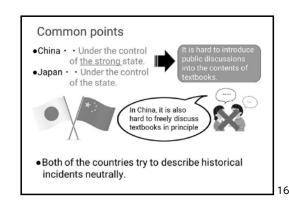


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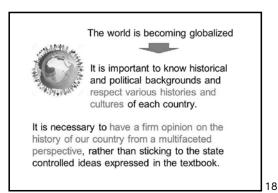








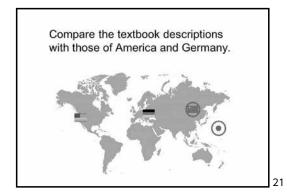




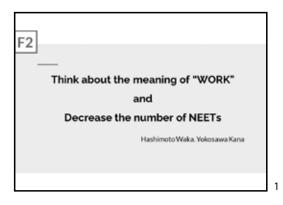


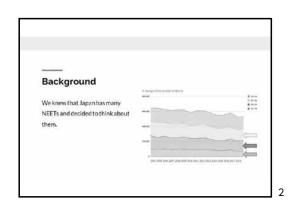
Future Prospect

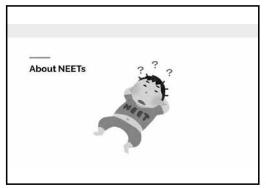
- 43 -

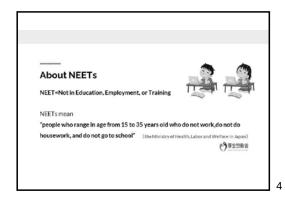


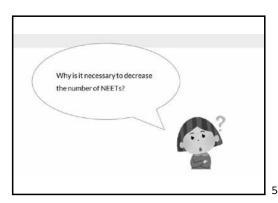
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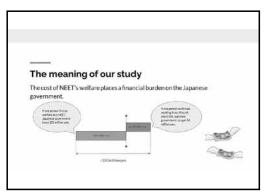




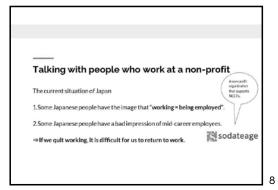




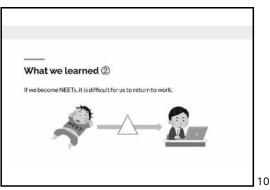


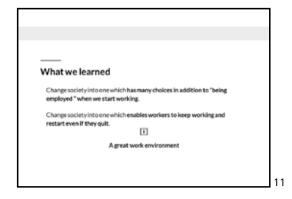


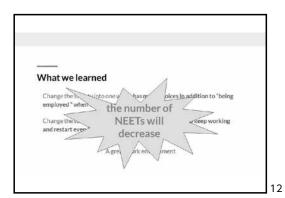












Research and Analysis

Purpose 1: Research annahul you need to continue working without becoming a NEET.

Purpose 2: Research on whild you need to return to society from being a NEET.

Method: Use the data from a white paper about NEET!

Use the result of a questionnaire for Yannagata Higashi High School students.

Result ①

There are "reasons for visiting the NPO that supports NEETs" in the white paper.

The reasons show the reason why people who are not working could not get work or continue to work.

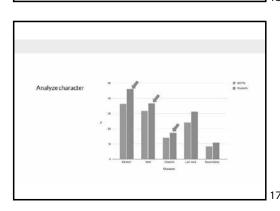
What is noons any to natrice and? NEETs Squarem Extraction for each 70.7% 79.4% Congestibility with exist SETR 09.9% Confidence to work SETR 39.6%

Result ②

According to the white paper,

Not detail-oriented + Positive evaluation from a third party

⇒ Rate of career decision is higher.



Conclusion

It is important to receive a good evaluation from a third party.

NEETs should deliberately have confidence to work well.

Public reaction

We have presented our study to Yamagata Higashi High School students four times.

We received some good reactions from them.

Works cited

https://www.mhihr.go.jp/content/11801000/000548637.pdf

A white paper about NEETs

Words of thanks

This mork was supported by NPO "Sodateage Net" and Mr.Oe Yasushi.

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19

Meaning of Life

Nishimura Sinji
Miura Rio

Meaning of Life

Program

- 1.Motivation
- 2.Aim or Method
- 3. Research and Idea
- 4.Next Plans

2

1.Motivation

To improve

my feeling of depression.

2.Method

- Regard the meaning of life as "to find the value of life".
- Find it by taking hints from the words of philosophers and books about the meaning of life.

4

3.Research & Idea

Sartre, who is philosopher in French, said

"The value of life is, to walk through life while making own choices that are different from others."

My cherished opinion

The value of life is

difference from others.

3.Research & Idea

However, I gradually became unconvinced with this idea.

Why?

Because I could not fully realize its value just by thinking about my value.

L

3.Research & Idea

To find our own differences, we should interact with other people and know the value of ourselves and others'.

My conclusion

We need connection in our life.

1.Motivation

The influence of the

coronavirus pandemic

8

2.Aim

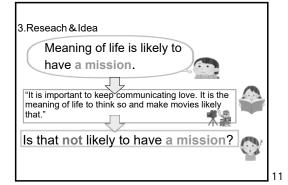
- To search for the meaning of life and find a way to be inspired.
- To find what motivates or inspires people's lives.

3.Reseach & Idea

Mr.Obayashi, who is a movie director, said,

"It is important to keep communicating love. It is the meaning of life to think so and make movies like that."





3.Reseach & Idea

Two ways of thinking about the meaning of life.

12

3.Reseach &Idea

Two ways of thinking about the meaning of life

①Meaning of life is likely to have a mission.

3.Reseach&Idea

Two ways of thinking about the meaning of life

②Meaning of life is **not** likely to involve a mission.

14

3.Reseach & Idea

Two ways of thinking about the meaning of life

- 1 Meaning of life is likely to have a mission.
- ②Meaning of life is not likely to involve a mission.

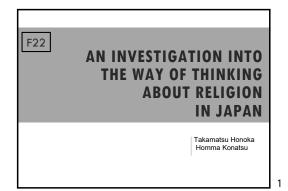
4.Next Plans

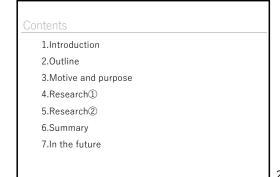
- 1.Reason why we have to live.
- 2. How to find meaning of life.

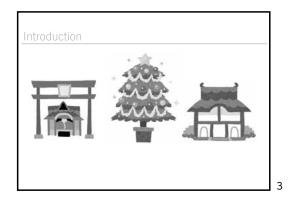
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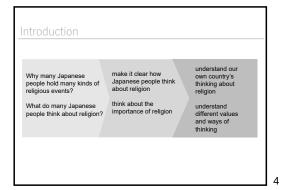
Thank you for listening.

Reference material
- Yatsuzuka,K.,Hagiwara,R.
(2014) Philosophy that makes oneself
- Obayashi,N., Murata, T., Yoshitake, T.
(1997)Teen philosophy (10) Why do people live? Popura.









Outline

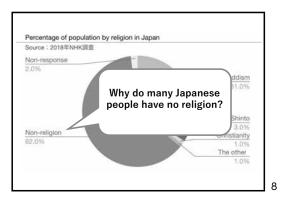
To make it clear how Japanese people think about religion....

1.Questionnaire about religion

2.Analyze things that form values of many Japanese people

What do Japanese people think about religion?

Percentage of population by religion in Japan
Source: 2018年NHK期套
Non-response
2.0%
Buddism
31.0%
Shinto
3.0%
Christianity
1.0%
The other
1.0%



Research

A multitude of gods
(Yaoyorozu no Kami) in
Shinto

Japanese people tend to not be attached to only one religion

The number of Japanese people who think religion causes problems increased after this case

Questionnaire

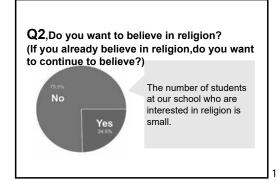
Q1,What is religion for you?

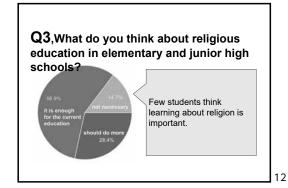
good image bad image

Emotional support(27) Own guidelines(6) Cause of conflicts

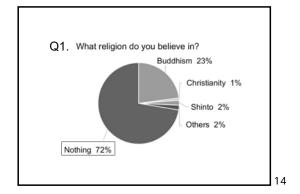
Cause of conflicts

Culture(2) Community(3) Worthless Not necessarily Conflicts





Why do Japanese people hold many kinds of religious events?

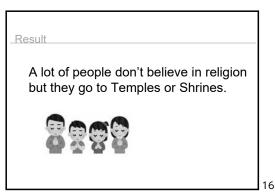


Q2. Do you go to temple, shrine,church, mosque? How often do you go there each year?

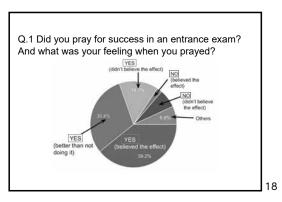
Answer

Many people go
"several times"

Many people go
"few times"



What do people think about praying for success in an entrance exam?



Q.2 What do you think about what you prayed for success in an entrance exam?

Satisfied rather than not Didn't have to

People thought of them as events not religious ceremonies
 Many people accept them regardless of their religion because their meanings and purposes are more important.

Why are there few people who believe in religion passionately?



Average annual income
Average life span

The level of happiness
Per capita GDP

compare

the countries whose people believe in religion passionately

Average annual income The level of happiness Average life span Per capita GDP etc...

No relation

The number of people who believe in religion

Conclusion(Research3)

In the world:
there are many people who cannot choose the religion they believe in.

In Japan:
We have a freedom of religion.
To stay happy for everyone...
It's important to truly understand religion and other people's way of thinking

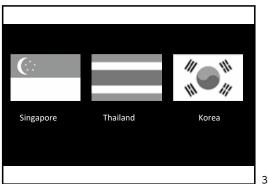
Reference material

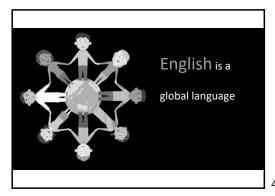
- 2018年NHK調査
- CIA the world fact book in 2015
- PRRI AmericanValueAltas 2019
- PRI
- Chinese Spiritual Life Survey in2010

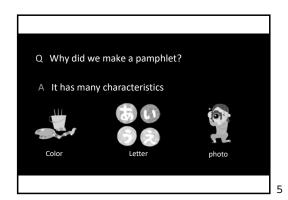
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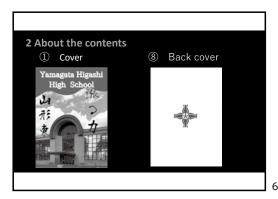


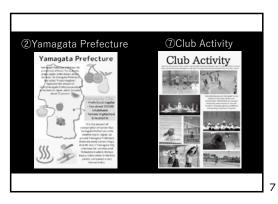








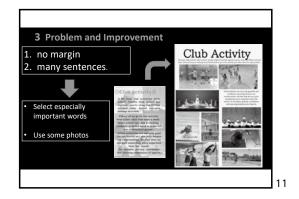


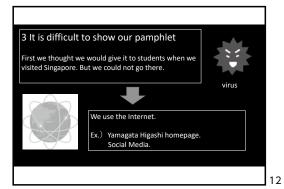


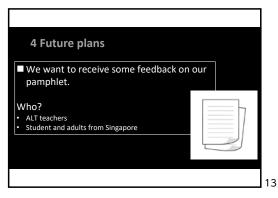


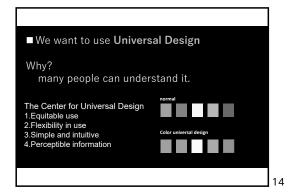














1.Introduction

2

China's rapid development is breaking the international affairs that the United States has been strongest since the Cold War.



Predict what kind of impact China will have on the international community based on the actions of past great powers, and think about how Japan should act. 2.Body

١.

Q.Why do nations expand their power?

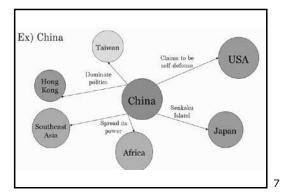
A.Principle of Offensive Realism.

 Offensive Realism is the theory that nations expand their territory in order to survive.



all nations aim to have the strongst power in the world.

6



Q.What will China do in the future?

A.Drive American forces out of Asia.

8

No nation can take over the world.

→it is difficult to continue to send forces to remote locations.

EX)

Mongolia about 800 years ago

→To send forces to the area across the sea was difficult.

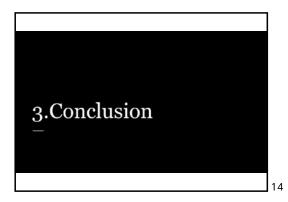




A.Conclude military alliances and economic agreements.



1. Economic agreements. ex)The Indo-Pacific Strategy(underway) →Prevent the rise of China in the Indo-Pacific. This connects Africa and Asia by trade. China € 0 Request for It needs to prevent spreading the understandir power of China. Indo, Australia



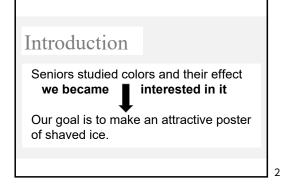
1.Impact of the rise of China The unstable international situation due to the conflict between the two great powers will continue for a long time. 2. The action Japan should take It should strengthen the alliance with the United States.

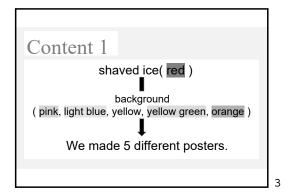


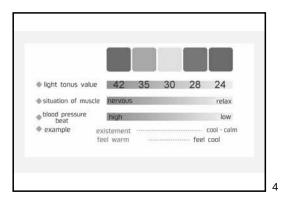
I would like to take a deeper look at China's future actions from the actual actions of countries that have achieved or aimed for regional hegemony in the past.

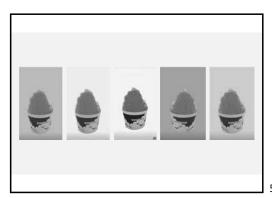
Sources 自由で開かれたインド太平洋 ジョン・J・ミアシャイマー 五月書房新社 第一次世界大戦 木村靖二 ちくま新書 自由で開かれたインド太平洋戦略 平成29年度開発協力重点方針 外務省 国際協力局 モンロードクトリンの系譜 「民主主義と安全」をめぐる-考察 西崎文子 世界の国内総生産 (GDP) ランキングトップ10 https://www.ig.com/ip/trading-strategies/top-10-largest-economies-in-the-world-20120 world-201020

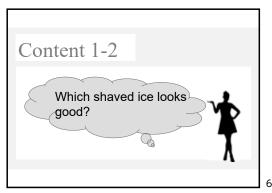


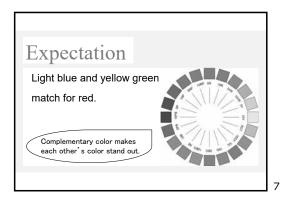


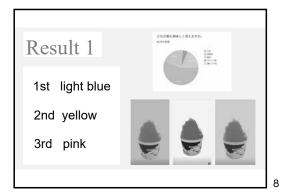




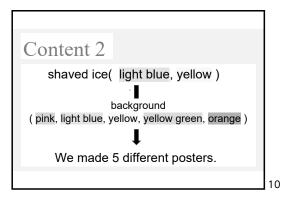


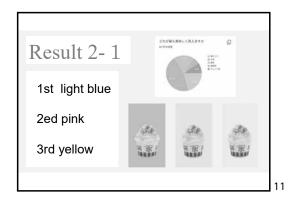


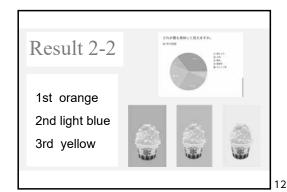




Colors which are similar to the color of shaved ice are better as a background than complementary colors.
 Seasonal images had a great influence on them.

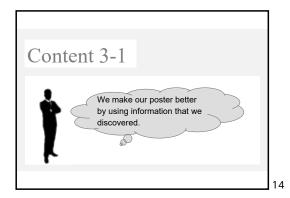






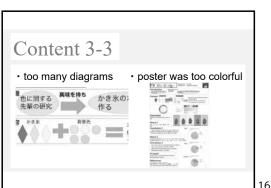
Conclusion 2

Cool colors match for complementary colors, warm colors match for similar colors.
Yellow and pink promote people to purchase
Seasonal image is important.



Content 3-2

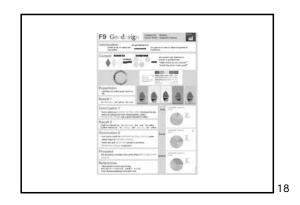
FOUNDATION OF THE STATE OF THE



Content 3-4

Letters are close to
the frame.

・ universal design
red and black
for colorblind people
red and black
for colorblind people
red and black
for and black
for and black
for and black
for and black

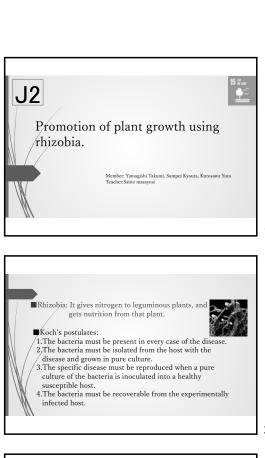


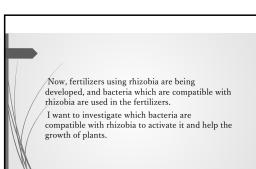
Prospect

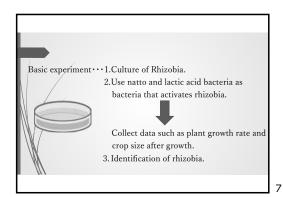
We are going to develop ideas about the effect of background colors.

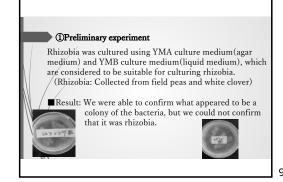
References

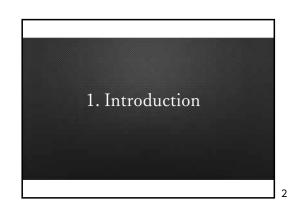
https://postd.cc/color-psychology
色彩心理のすべてがわかる本 山脇恵子 ナツメ社 https://tsutawarudesign/universal1.html







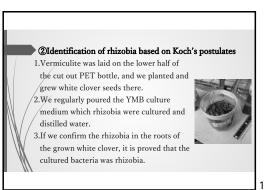


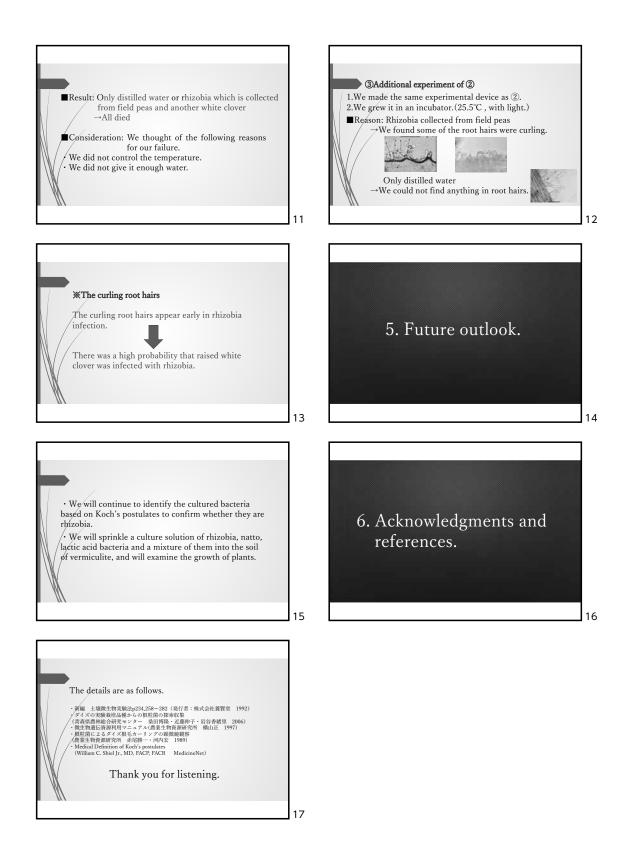


2. Reason for setting the theme.

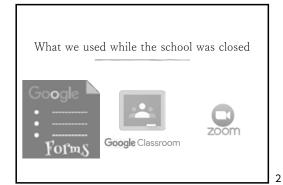
3. Research content.







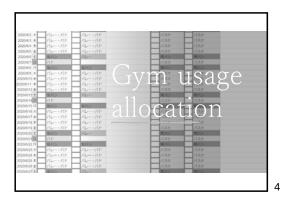




Why I started this project

Output

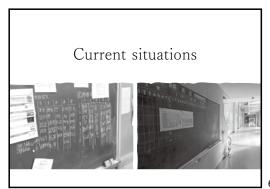
Ou



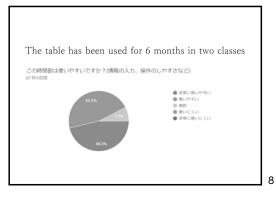
I focused on timetable

I focused on timetable

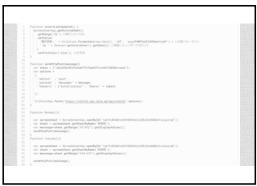
Making a change was cary

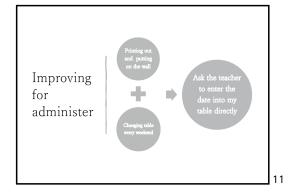


| Section | Sect

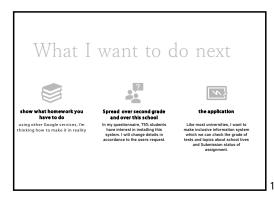


Using "LINE Notify API"method, We can notify those who forget to write information about class at class group line. There was a request from the questionnaire to add a function that notifies them to not forget to write it.













令和2年度 課題研究英語発表について

昨年度より、国際探究科を中心としたシンガポール研修において、自分たちの課題研究を 英語発表する機会を設けたが、今年度は新型コロナウイルス感染症の世界的拡大により実施 できなかった。しかし、英語コミュニケーションと英語発表の機会を得ようと、代替となる 企画について、文科省に変更届を出して、下記のとおり実施することができた。

Yamato International Exchange Seminar (ALT 等による英語発表指導と異文化交流会)

目 的 新型コロナウイルス感染症の拡大に伴って中止となった2年次国際探究科のシンガポール研修(沖縄研修)の代替として、村山地区のALTや県や市の国際交流員の方々を講師として招き、英語発表及び異文化理解の指導をしていただくことで、本校生徒の英語コミュニケーション力、英語発表力を高める。

日時・場所 令和3年1月20日(水)9:30~15:30 本校第二多目的室、他

内 容 午前:生徒の英語発表に対する英語指導

午後: 生徒とALT等による英語での異文化交流会

講師 カヤシス ブリジット氏(山形北高校)

リ ジョナン 氏 (東桜学館中学校・高校)

ホー オフィーリア 氏 (北村山高校)

ブレー ディーン 氏 (山形市国際交流員)

ヨシノ ミチコ 氏 (山形県国際交流員)

フレンチ アリス 氏 (山形県国際交流員)

エバンズ ビクトリア 氏 (山形東高校)

ウエア エスタ 氏 (山形東高校)

Yamato Singapore Online Seminar(シンガポールとのオンラインによる課題研究英語発表会及び交流プログラム)

目 的 グローバル人材育成を図る本校における教育プログラムの一環として、生徒が、 課題研究発表や国際交流の機会を通して、英語プレゼンテーション等の言語活動に よるコミュニケーション力を高める。今年度中止となったシンガポールへの海外研 修の代替として実施する。

日時・場所 令和3年1月29日(金) 9:00~15:40 遊学館(第1~6研修室)

内容 午前:オーラル発表審査会(1会場)・オーラル発表会(4会場)

審査員より審査結果発表・総評

午後:学生とディスカッション(5分科会)及び有識者による講演会

交流先 シンガポールの有識者及びシンガポール国立大学・シンガポール経営大学の学生

共 催 (株) I S A ・ (株) デジコンキューブ

審査結果 (オーラル発表審査会)

- 1位 Yamagata PRIDE ∼A project to help high school students be proud of their hometown∼
- 2位 Aim for The Resolution of Hunger at The Small Farmer Level in Zambia
- 3位 Yamato Pamphlet in English