

# Innovate Japanese Education

# ~ Challenge towards Creativity ~

3. Survey

# Kobe Municipal Fukiai High School

**Creativity Rate** 

# 1. Background Information

1. The Japanese Education System

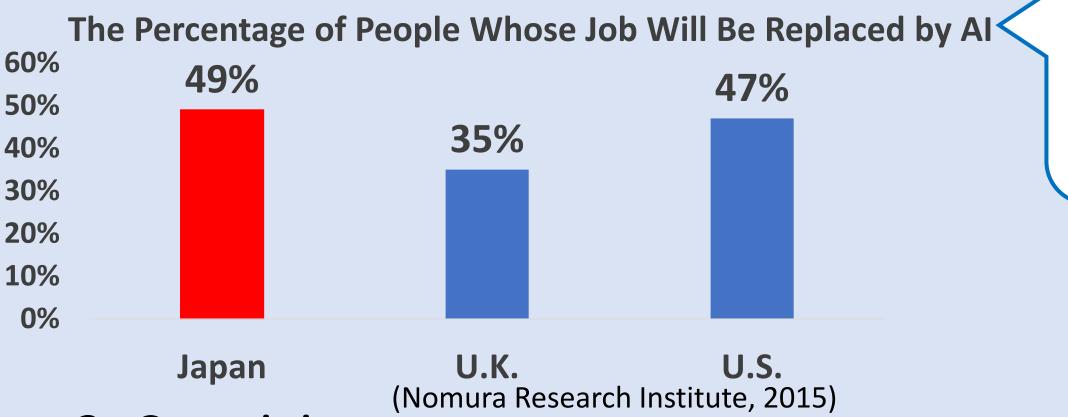


- Passive Learning
- "Tankyu" is not enough
- "Center Test"

from 0 to 1.

(OPTiM)

From all over Japan



3. Creativity

**Creativity** is the ability to produce new or original ideas. (Vernon, 1984)

## 2. Research Question

What can be done to nurture creativity in Japanese high school education?

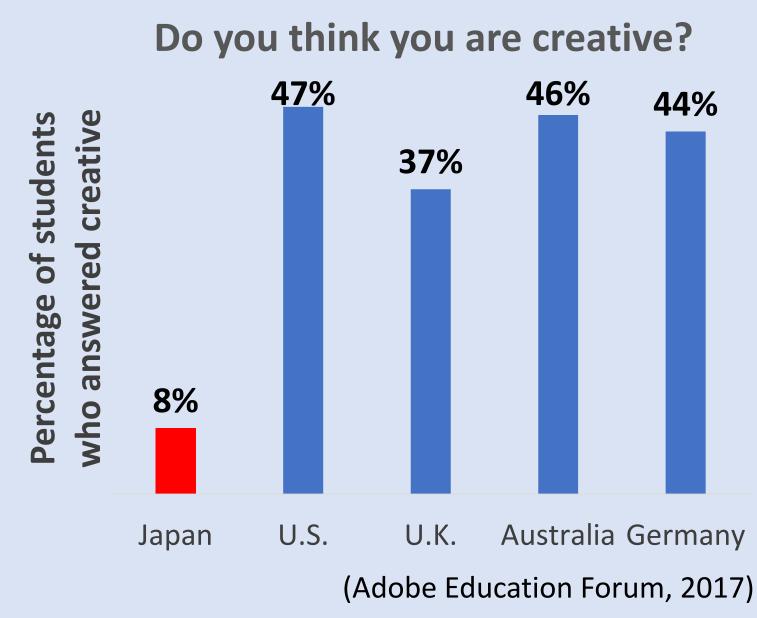
# 3. Methodology

Internet articles, Research papers, Books, Surveys

# 4. Data / Analysis

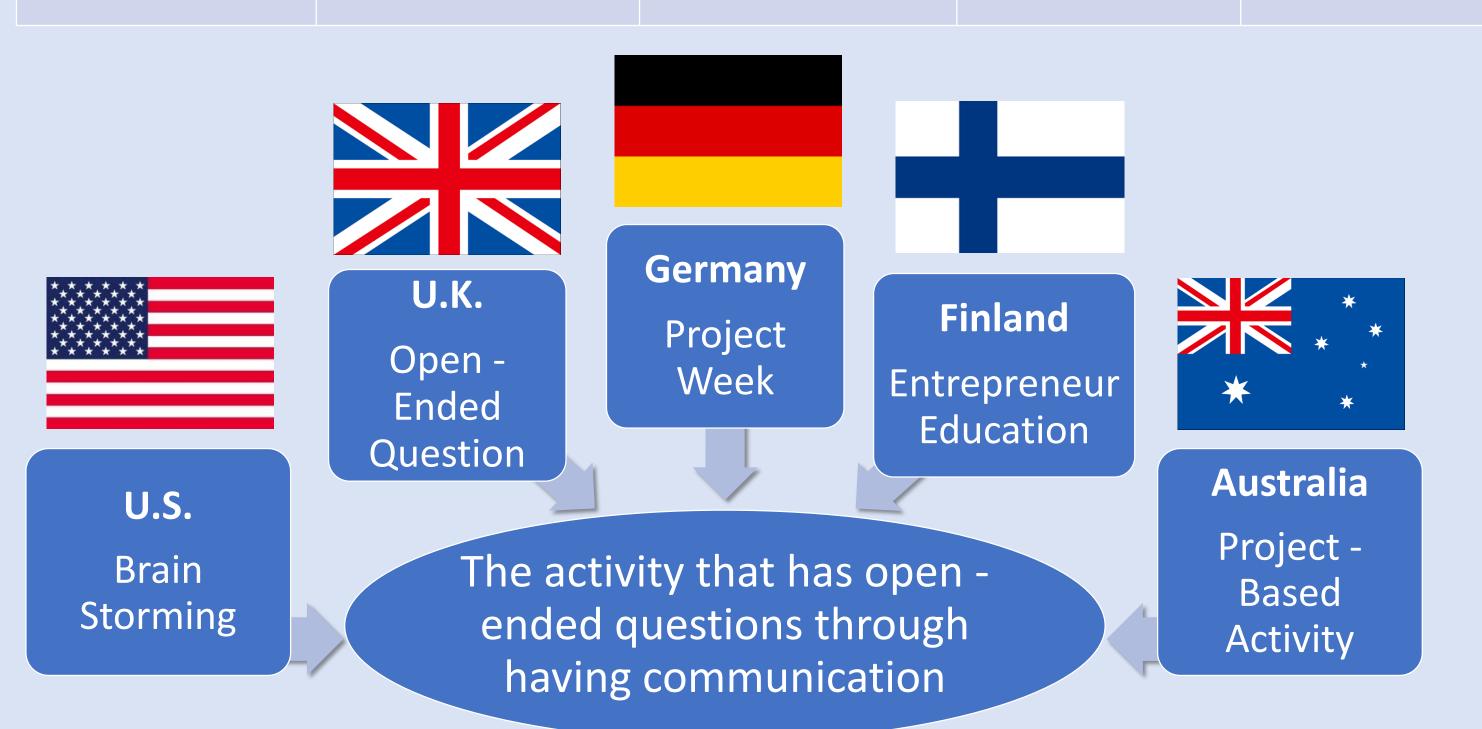
1. The Comparison of Creativity by Country

Rank	Country	Technology	Talent	Tolerance	
1	Australia	7	1	4	
2	United States	4	3	11	
3	New Zealand	7	8	3	
4	Canada	13	14	1	
5	Denmark	10	6	13	
5	Finland	5	3	20	
24	Japan	2	58	39	
(Global Creativity Index, 2015					



### 2. Education in Other Countries

U.S.	U.K.	Germany	Finland	Australia
<ul> <li>Brain Storming</li> </ul>	• Open - Ended	<ul> <li>Art Education</li> </ul>	• Entrepreneur	• Cross
	<b>Question Activity</b>	(creative writing,	Education	Curriculum
• Cross		drama, musical,		
Curriculum	<ul> <li>Cross Curriculum</li> </ul>	etc.)	<ul> <li>Art Education</li> </ul>	<ul><li>Project-Based</li></ul>
	(drama & creative		(story telling,	Activity
<ul><li>Discussion</li></ul>	writing)	<ul><li>Brain Storming</li></ul>	handy craft,	(work study)
			etc.)	
	<ul> <li>ICT Education</li> </ul>	<ul><li>Open - Ended</li></ul>		<ul><li>Physical</li></ul>
		Question Activity	• Cross	Creative
			Curriculum	Activity
		<ul><li>Project Week</li></ul>		
			<ul> <li>Small Group</li> </ul>	<ul><li>Book Telling</li></ul>



#### Percentage of 100% creative students **How to Measure Creativity** 80% Q5. What do you see when you think of a park? Please take 5 minutes to 60% draw the scene. Your drawing ability will not be **55%** 40% evaluated. 27% 20% Literary Course Really Creative More than little ■ Little Creative Oridinary Not 5. Discussion enough time **Problem - Based Learning (PBL)** Logical Thinking Not However... Hard to enough **PBL** find a places to

- Communication Skills
- Various Perspectives
- Skills to collect information
- Presentation Skills

# 6. Suggestions

Propose to Ministry of Education, Culture, Sports, Science and Technology

theme

present

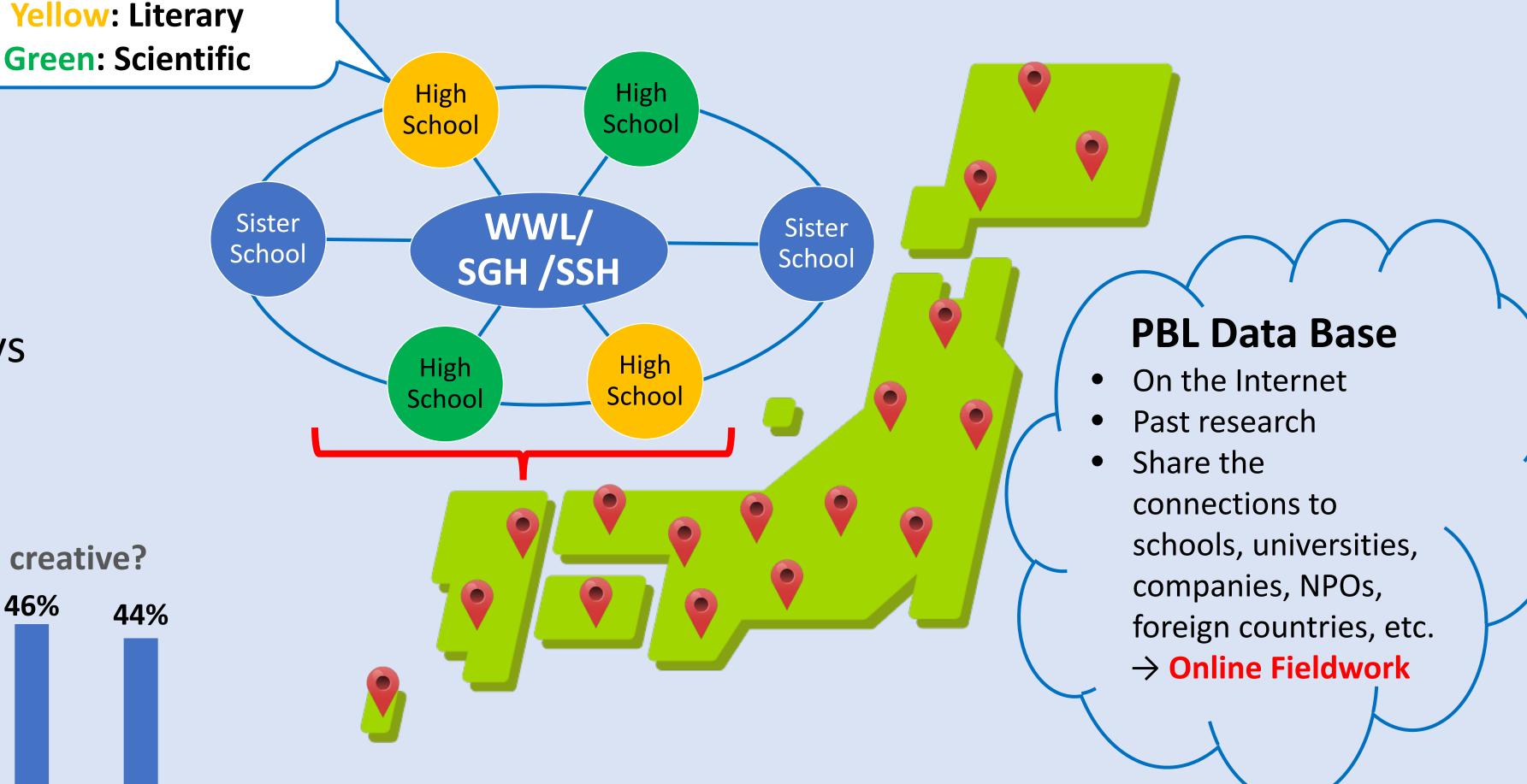
Hard to

conduct

fieldwork

Introduce to all high schools that follow the curriculum guideline

### 1. Online Network for PBL



### 2. Multi - Dimensional PBL

### 1<sup>st</sup> Grade: Find the theme Students learn the problems related to SDGs in all English classes. Online Global Discussion (once a term) → Discuss and be interested in the problems with sister schools (→ WWL / SGH / SSH will support other schools)

### 2<sup>nd</sup> Grade: Research

- Increase "Tankyu" to at least twice a week
- Network Discussion Board on the Internet
- & PBL Data Base
- → Feedback, Survey, Online Fieldwork, etc.
- Online Global Conference (once a month)
- → Discuss by category and revise with sister schools

### 3<sup>rd</sup> Grade (summer vacation): Presentation

- National High School Global Forum
- (全国高校生グローバルフォーラム) → Make a presentation with sister schools in the
- network first
- → One representative from each network elected by students makes a presentation globally

### 7. References

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