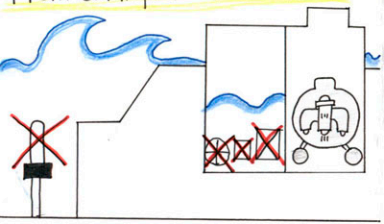
From earthquake to accident



① Outside there was a power supply loss by an earthquake.

② There was no power in the building be cause of the Tsunami.

③ The cooling apparatus stopped.

④ The reactor core was damaged.

⑤ The hydrogen built up.

⑥ The hydrogen leaked out.

⑦ The hydrogen suddenly exploded.

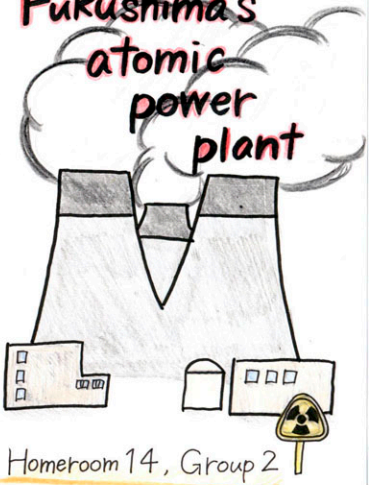
Application · Consideration

- The safety features were all broken up by the loss of power due to Fukushima's atomic power plant and they were broken in the accident.
- We will think about how to secure and promote energy of nuclear power in the future.

Summary

Due to Fukushima's atomic power plant, the earthquake caused a lot of damage.
Nuclear power generation would be difficult if an accident occurred.
We wanted to wake sure that atomic power is very important.

Fukushima's atomic power plant



Homeroom 14, Group 2
Hirosaki Minami High School

Motivation · Purpose

We wanted to know how Japanese citizens dealt with nuclear energy in their everyday lives.

Fukushima's first atomic power plant's influence.

An earthquake happened on March 11, 2011, and the electricity went out

A building was destroyed by a tidal wave, and a great deal of radiation substances were scattered.

Reinforcement of security measures

~ New regulatory standard of a nuclear power plant ~

The percentage of the power supply securement increased

up to now	the new standard
Equipment to protect from a whirl wind and fire.	The measure which stops an explosive accident
Equipment of an earthquake and a tidal wave.	Equipment to protect from a whirl wind and fire.
	Equipment of an earthquake and a tidal wave.

~ To an earthquake ~

Even when an earthquake by the active fault which is want to be prepared. happened, we want to be prepared.

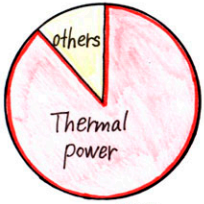
~ Against the tsunami ~

Make a huge tide breakwater to protect the power plant and important equipment such as a pump.

The future of energy

Since 2011

Nuclear energy was interrupted by an accident



~2011~

2016

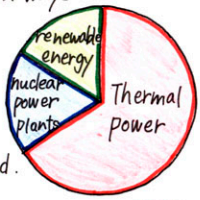
Thermal power is over eighty percent.

Goal

To decrease by 26% By 2030

Power generation ways

A balance to improve our generating electricity wethod.



~2030~