

History of Fukui-Minami High School's Activities to Promote Use of Clearance Products

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Self-Introduction

Yuno Mori

**2nd-year student, Department of Policy Management,
Keio University**

Graduated from Fukuiminami High School

**Member of the Asai Seminar since the 1st year of high
school**



I will introduce our activities in 2023 and 2024 for about 10 minutes.

Manami Yotsugi

2nd-year student, Fukuiminami High School
Vice Leader, Asai Seminar



I will introduce our activities for this year at the Asai Seminar.

Yuri Imaizumi

**3rd-year student, College of Education and Social
Transformation, J. F. Oberlin University**

Graduated from Fukuiminami High School in 2023

Member of the Asai Seminar since the 2nd year of high school

I will introduce our activities from the initial stage to
the installation of security lights in the first year.



Opinions exchanged on nuclear power film made by high school students at a study meeting held by a Sabae civic group

Ippei Yaoita 9:00 November 23, 2020



[list](#)

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A study meeting was held in Sabae City, Fukui Prefecture on November 22, to discuss the pros and cons of nuclear power plants, energy issues and the disposal of high-level radioactive waste generated from nuclear power plants (nuclear waste) through a documentary film on nuclear power plants produced by high school students.

Special Feature: Nuclear power plants and energy →

Source: Opinions exchanged on nuclear power film made by high school students at a study meeting held by a Sabae civic group, Asahi Shimbun, 2020-11-23, Asahi Shimbun Digital
<https://www.asahi.com/articles/ASNCQ6QYLNCQPISC00B.html> (Reference 2025-09-27)

About Fukuiminami High School

A private high school offering a comprehensive curriculum,
located in Fukui City, Fukui Prefecture

Introduction to the seminar style:
“M Seminar”



Students conduct investigation
activities for several hours each
week.

The Asai Seminar is primarily
engaged in recycling activities
involving clearance metals.



Scenes from the Asai Seminar

My Encounter with Clearance Metals

↓ Sitting on a bench made from recycled clearance metals



What Led to the Creation of Security Lights

Common challenges for us
and the region

The route from the school to
the station was poorly lit.



Solving
the issue

Way to school



Way home from school



After Installing Security Lights

Created with Echizen daffodils as a design motif

Installed at four locations on March 9, 2023



Continuation of clearance metal recycling



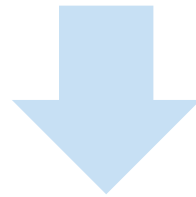
- 1) Aiming to install security lights outside the school
- 2) Further promoting awareness of the security lights
- 3) Linking the initiative to industries and economy

Response to Installed Security Light

From local residents who saw the news:

“The design seems too striking, and we would prefer not to have them installed.”

“Since they will remain in the city for a lifetime, due consideration should be given to the design.”

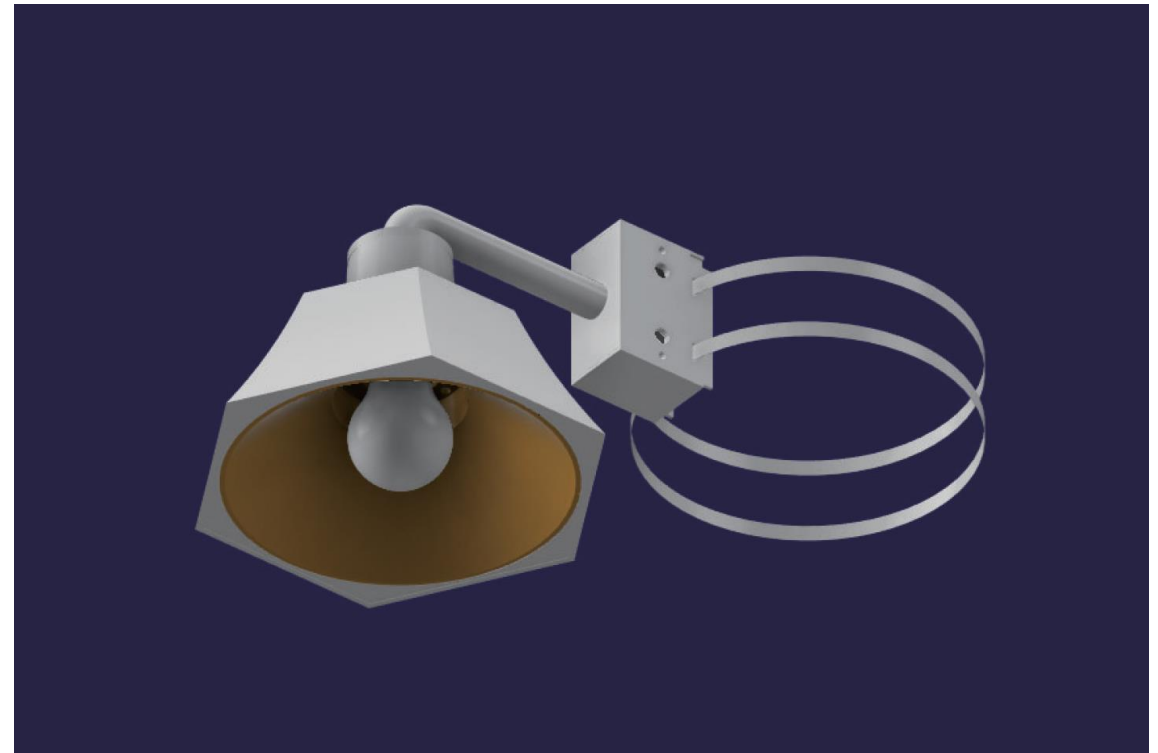
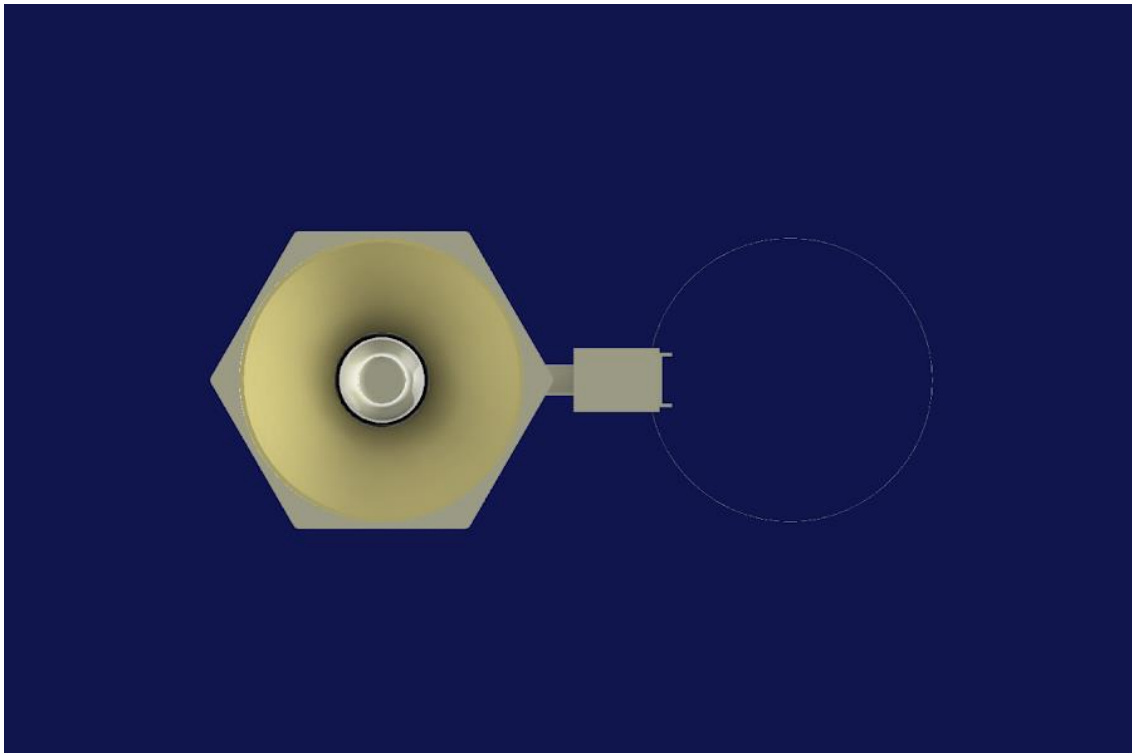


Goal: The 2nd-year activities aimed at installing the security lights along the route home focus on two initiatives: reviewing design and enhancing local understanding through hearings and other events.



We will continue to consult with the designer on how the security lights can indirectly represent daffodils as a design motif.

Triangles and hexagons are incorporated into the structure so that the light appears hexagonal when viewed from a distance and resembles a daffodil when viewed from below.



1. Innovative

There is no end to the possibilities for innovation. Evolving technologies always offer new opportunities for innovative design. However, innovative design is always created in tandem with technological progress and is never complete in itself.

2. Practical

People buy products to use them. These products must meet certain standards, not only functionally, but also psychologically and aesthetically. Good design eliminates unnecessary elements and places the highest emphasis on practicality.

3. Beautiful

As products affect the personality, health and quality of life of the people who use them daily, it is essential that beauty be added to their practicality. However, only meticulously finished products are beautiful.

4. Clear

Good design highlights the structure of a product and allows the product to speak. The best design speaks for itself.

5. Unobtrusive

A product that fulfills a role is like a tool. It is neither a decorative object nor a work of art. The design should be neutral and unobtrusive to leave room for the user's individuality.

6. Faithful

Good design does not make a product appear more innovative, powerful, or useful than it truly is. It never manipulates consumers with promises it cannot keep.

7. Durable

Good design transcends trends. Therefore, it never gets old. Unlike fashionable, trendy designs, it continues to be used for a long time, even in today's throwaway-oriented society.

8. Perfect in every detail

No ambiguity or unpredictable factor should be left unresolved. Precision and accuracy in design demonstrate sincerity toward customers.

9. Environmentally friendly

Design plays a major role in preserving the environment. A product must be created and used while conserving resources, avoiding physical pollution, and preventing visual pollution through unsightly design.

10. Pure and simple

Less, but better — meaning focusing on what is essential. This frees a product from unnecessary and excessive design. Let's return to purity and simplicity.

Fieldwork

Fieldwork to identify suitable installation sites



Discussion on which color fits the regional landscape



Explanatory Meeting to Local Residents



The meeting was attended by **more than 30 members** of the Ward Mayors' Association from the areas where the clearance security lights were to be installed.

Schedule for the day

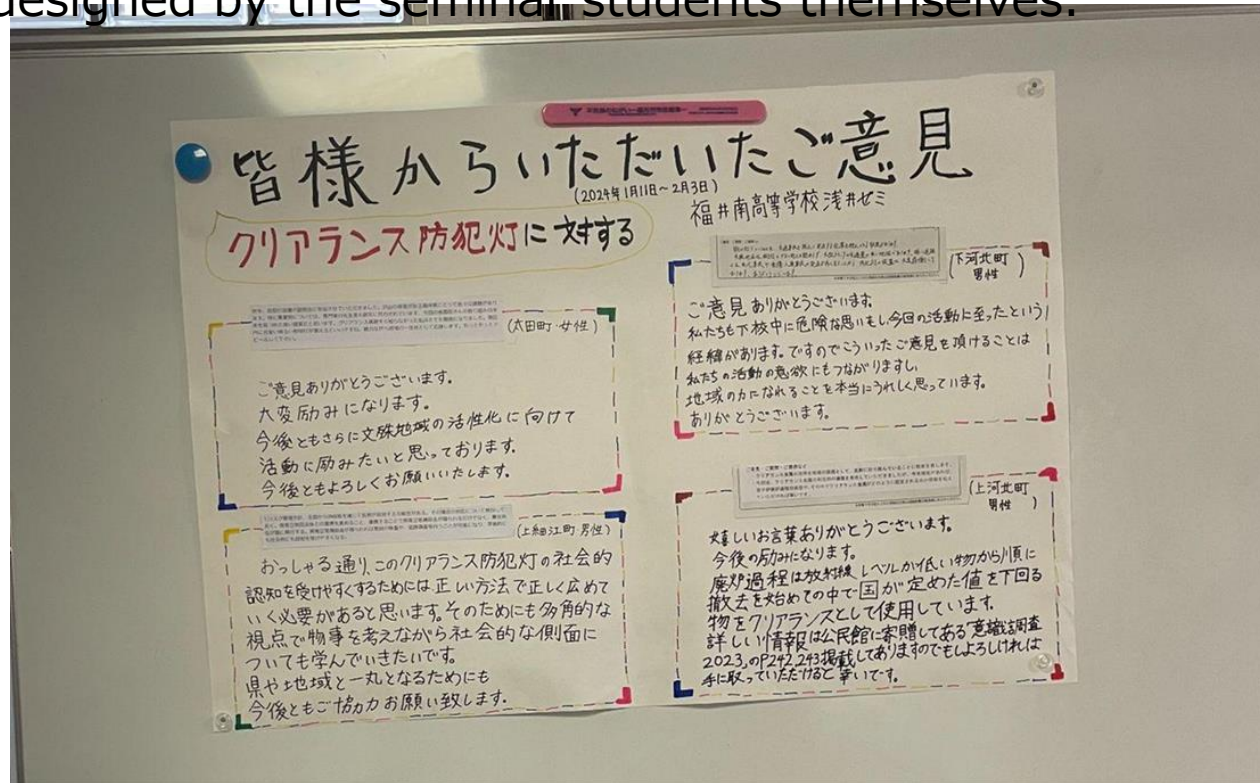
- Explanation of clearance metals
- Explanation of the purpose and design of our activities
- Question-and-answer session

Some of the feedback received was critical.

Enhancement of Understanding

To gather opinions from residents beyond the Mayors' Association, we distributed information flyers to more than 700 households in the target Monju area.

The Monju Community Center and Google Forms were designated as venues for collecting opinions. The background image used in the flyer was also designed by the seminar students themselves.



文殊地区に 明かりを 灯そう。

この防犯灯は、原子力発電所の廃炉過程で生じる廃棄物のうち、人体に影響がない極めて放射線レベルが低いもの（クリアランス資源）をリサイクルすることで、福井県の新たな産業振興や、福井県の新たな名産として「電気」を県内外にアピールすることも目的としています。 → 私たちの思いは裏面に！

地域の皆様のご意見をお待ちしています！
ご意見やご質問がありましたら、右のQRのコードからフォームにご記入いただくか、下部分を切り取ってご記入のうえ文殊公民館設置の意見箱へ投函ください。
〈期間〉～2月3日（土）〈お問い合わせ〉福井南高等学校

■ ご意見・ご質問等お聞かせください。いただいたご意見は後日、文殊公民館にて返信も含めて掲示させていただきます。

お住まい _____ お名前 _____

ご意見・ご質問・ご感想 etc _____

お手数ですが記入された用紙は文殊公民館設置の意見箱にお入れください。

The security lights were installed at a total of 10 locations along school routes and at the community center. The remaining 10 locations are as follows:

Installation location

Fukui City	Along the Fukuiminami High School route (along Prefectural Route 156, along Hokuriku Driving School, Otoro Fureai Park), Monju Community Center
Echizen-cho	Along Isaribi Kaido (National Route 305) (in front of the Echizen Community Center, at the T-junction at the entrance to the road)
Minamiechizen-cho	At the Tokumukan-Kanto-Sonan-Ireihi Park in Minamiechizen-cho, at the parking lot of the Kono-Seaside-Onsen Yubae
Ono City	Ono City Library
Katsuyama City	Nagaoyama-Sogo Park (Katsuyama Kyoryu-no-mori)
Ikeda-cho	Comprehensive Health & Welfare Center “Hot Plaza”



HANA AKARI
Asai seminar



The leaflets shown below were distributed to enhance public understanding.

Explanatory signboards about clearance materials were also attached to the utility poles where the security lights were installed.

[illegible]

Conclusion

Nuclear
power



Casting
engineering



Lighting



Consensus
building



Product
design



Agriculture



**To solve regional challenges, a cross-disciplinary approach is important.
It is also important for everyone to create opportunities for participation and
shared learning.**

Promotional Activities for Clearance Metal Streetlights

Hyogo Prefectural Maiko High School



Kagoshima Prefectural Kirishima High School



These activities are continuing this year as well!

Nagasaki

Shimane

Hokkaido

Creating Consumer Goods Using Clearance Metals

**Hangers for junior and senior
high school students**



**Producing them in collaboration with
two high schools in Fukui Prefecture**



Looking ahead to next year





Thank You!