



With Our Local Communities

The Nippon Kayaku Group aims to be a company closely rooted in communities through its involvement at the local level, proactive engagement with all stakeholders and support for the educational needs of the next generation.

For society built on a healthy and productive life

Asunaro House – Let's Assist Children with Intractable Diseases and Their Families

The Nippon Kayaku Group, as part of the commemorative projects marking its 80th anniversary and under the motto of "Let's assist children with intractable diseases and their families," owns and operates Asunaro House, an extended-stay facility for caregivers in Saitama City, Saitama Prefecture.

We have been holding volunteer events twice a year for current and former employees of Nippon Kayaku and its affiliates to clean and do yard work since 2018 so that families using Asunaro House can enjoy a pleasant stay there.

Our goal is to offer a facility that provides networking opportunities for the families of sick children and helps alleviate the mental and financial burden on these families while safeguarding their privacy.



Current and former employees volunteering in cleaning and yard work

Message

I have been working as the House Manager at Asunaro House since 2017. Since its founding 22 years ago in 1998, more than 3,500 families (constituting 65,000 people) have used Asunaro House.

We expect that more people will avail themselves of our services because the Saitama Children's Medical Center relocated to Saitama-Shintoshin area in 2016 and many nearby medical facilities have been expanding their pediatric medical treatment.



Asunaro House Manager

Asunaro House is constantly changing as it anticipates users' needs as times change and so that families will be able to have a safer, more secure, and more comfortable stay.

There is no better recognition than the simple words "thank you" as the children are discharged from the hospital and ready to move back home as a family.

Providing Support for LRI Activities

The Long-range Research Initiative (LRI) is a joint initiative of the chemical industries of Japan, the United States and Europe. Part of the voluntary activities of International Council of Chemical Associations (ICCA), LRI supports long-term research into the effects of chemicals on human health and the environment, with focus on endocrine disrupting effects, neurotoxicity, chemical carcinogenesis, immunotoxicity and elaborating risk factors.

Nippon Kayaku has actively supported LRI from its start in 1999 by offering financial support for LRI activities. and attending the committee.

Supporting the Development of the Next Generation

CSR Educational Initiatives

Three approaches including outreach classes, events, and site visits.

Outreach Class

Outreach classes are developed based on our own educational program that are in line with elementary schools' guidelines with and implemented in schools around plants.

■ Outreach class: "Discovering the body! Mechanisms of the body and its relationship to medicine"

A curriculum to learn the following four concepts through experimentation developed based on "Constitutions of the Human Body and Functions" as a science subject related to the pharmaceutical business.

- (1)How are nutrients absorbed into the bloodstream after being digested; how do they circulate throughout the body?
- (2)How do medicinal ingredients become absorbed into the bloodstream from the small intestine; how do they circulate throughout the body?
- (3)The deep relationship between the efficacy of medicines and the body's mechanisms.
- (4)Pharmaceutical companies making various efforts.

Takasaki Plant

Class for Grade 6 students at Takasaki Municipal Iwahana Elementary School

An outreach class was hosted for grade six students at Takasaki Municipal Iwahana Elementary School on June 2019. Employees from the Takasaki Plant with highly specialized knowledge acted as the teacher and teaching assistants. While these teachers were somewhat nervous, they strived to get closer to the students to promote clear understanding and share their advice. We will continue to hold outreach classes like this one in order to instill interest in chemistry among school children and enable them to feel more comfortable as a member of society.



Tokyo R&D Administration Office

Class for Grade 6 students at Kita Ward Nadeshiko Elementary School

An outreach class was hosted for grade six students at Kita Ward Nadeshiko Elementary School on July 2019. Researchers from the Pharmaceuticals Research Laboratories and Functional Chemicals R&D Laboratories served as teacher and teaching assistants. The students were captivated by the experiments held in class and gave their undivided attention. The outreach class experience was also appreciated by the school teachers. Through this event, students were encouraged to learn more about chemistry as well as to understand more about Nippon Kayaku.



Site Visits

Himeji Plant

Initiatives to Cultivate the Next Generation

The two programs of "Creating Fizzing Tablets" and "Plant Tour" launched in commemoration of the 100th anniversary of the company's founding were hosted for grade six students at Toyotomi Elementary School located near the Himeji Plant. These programs were held for the 4th year in fiscal 2018 with a total of 24 participating students.

In order to encourage active participation, the students were given a quiz on knowledge of gunpowder. As well, the students tried their hand at creating fizzing tablets as bath bombs resembling gas forming agents manufactured at the Himeji Plant, which aimed to spur interest in chemistry and manufacturing.

The children not only viewed the production line but also observed instantly inflating air bags up close, which is not something that can normally be experienced.



Event-based Educational CSR

Asa Plant

Science Expo hosted by the City of Sanyo-Onoda "Using Chromatography to Make Round Fans" event for elementary and junior high school students

Asa Plant has participated in the annual Science Expo hosted by the City of Sanyo-Onoda. Under this year's theme, "Let's Play with Color," we held chromatography experiments and had students experience the world's only round fan making event.

Children were able to get a sense of the wonders of science as we explained how to use color separation when making the fans.



Kashima Plant

Customer living expo as Kamisu Festa hosted by the City of Kamisu in Ibaraki Prefecture Experience-based Event for Elementary School Students

Kashima Plant and Agrochemicals research laboratories participate in Customer living expo as Kamisu Festa hosted by the City of Kamisu in Ibaraki every year in October with the goal of giving back to the local community by conveying and fostering interest in science and chemistry among youth.

The Nippon Kayaku booth hosted a hands-on event called "Let's play by making bead-like capsules," which utilizes the technology and products of Kashima Plant and the Agrochemicals



Laboratories. Students took part in the simple chemical experiment of creating artificial salmon roe.

Tokyo R&D Administration Office

Held class for elementary school children during summer vacation

A summertime class for elementary school students between grades three and six was held at Tokyo's Kita Ward Nadeshiko Elementary School on August 2019.

Members of our Tokyo R&D Administration Office and our other research laboratories collaborated in holding experiments using acrylic resins, which are photo-setting resins. The children were excited to see liquid acrylic resin become solid when exposed to light. Going forward the Tokyo Business Office will continue to host events such as this for students to engage their interest in chemistry while learning more about Nippon Kayaku.



Tokyo R&D Administration Office Head office

Hosted by Japan Chemical Industry Association (JCIA)

~The Summer Children's Science Experiment Show~ Experience-based Classroom

Nippon Kayaku participated in the Summer Children's Science Experiment Show for elementary school students held for two days between August 3 and 4 at the Science Museum (Kudanshita, Tokyo) and more than 200 children took part.

With the theme, "A Shiny Key Holder Made of Resin: The Riddle of a Strange Liquid That Hardens in the Light," we made objects using acrylic resin for photo-setting. This was the first time we made photo-setting resin our theme for the Summer Children's Science Experiment Show. The children had fun and cheered when they finished making unique key holders using shiny beads and a decal of Kayakuma the Bear.

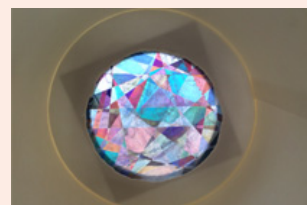


Polatechno Co., Ltd

Joetsu Science Museum in Joetsu City, Niigata Prefecture

Held a science class using polarizing film

The Joetsu Science Museum in Joetsu City, Niigata Prefecture, where Polatechno Co., Ltd. is located, is hosting an exhibit where patrons can experience and enjoy the themes of human science and the science of snow through nine zones involving seeing, touching and checking. During this event, Polatechno provided polarizing film so children could enjoy science handicrafts at its paper cup kaleidoscope booth as part of the Science Plaza held in May 2016.



KSM

Continuing Education Support at KSM

KSM* has been offering an educational support program for the children of employees since 2014 because it is committed to the welfare of its employees. In August 2019, the company held an event to aid the education of 29 children of employees.

Each child participating in the event drew a picture containing Nippon Kayaku's mascot, Kayakuma the Bear, on such themes as "Safety First," "Superior Quality," "The KAYAKU spirit, the Nippon Kayaku Group's corporate vision," and "Care for the Global Environment." Then, at the end of the event, we gave the children backpacks containing a set of necessary school supplies to reduce the burden on their caretakers when they go to school.



Group photo of everyone holding their school supply presents

* KSM is a group company in Mexico that manufactures automotive safety components.



Initiatives in Local Communities

The Nippon Kayaku Group strives to foster understanding of its business activities in local communities through festivals and open houses at its plants and facilities, educational programs, donations and other forms of support, blood drives, pink ribbon campaigns, clean-up campaigns, and round-table discussions.

Going forward, we will organize various platforms to proactively engage with the local residents as part of our goal of becoming a company that is closely rooted in the local community.

Nippon Kayaku's Agreements with Local Authorities

Business Site	Agreement	Local Authority
Fukuyama Plant	Agreement on environmental pollution control	Hiroshima Prefecture and Fukuyama City
Asa Plant	Agreement on water pollution control	Yamaguchi Prefectural Fisheries Cooperative
	Agreement on environmental protection	Sanyo-Onoda City
Tokyo Plant	Green agreement	Adachi City
	Agreement on establishing Colored Effluent Issue Council	Tokyo Metropolitan Bureau of Sewerage No. 2 Control Office
	Agreement on mutual disaster relief support in case of an earthquake	Shinden Neighborhood Association and Shinden 1-chome Residents' Association in Adachi City
	Agreement to provide the general public with access to a small water pump storage facility	Senju Fire Department
Tokyo Business Office	Provision of fire fighting facilities 1. Provision of water for firefighting 2. Deployment of a boat for rescues 3. Fire fighting group cooperation site 4. Use of rooftop as a lookout	Tokyo Fire Department Akabane Fire Station
Takasaki Plant	Agreement on assistance from voluntary fire fighting brigade	Regional fire departments including Takasaki City
Himeji Plant	Memorandum on effluent control	Himeji City
Kashima Plant	Agreement on environmental pollution control	Ibaraki Prefecture, Kashima City, Kamisu City

■ Piece of our activities

Kayaku Safety Systems Europe a.s. (KSE)^{*1}

The 5th Pink Ribbon Day was successful!

Pink Ribbon Day, a campaign focusing on the prevention of breast cancer, was held on 11 October in the Vsetin region with the non-profit organization ZO ONKO-DUHA^{*2} Vsetin. Several institutions including the Secondary Medical School, Masaryk Public Library Vsetin and the Vsetin Hospital, participated in this event. Employees of KSE also supported the campaign adorned in pink clothing and accessories for the day.

This year, the regional TV broadcasted a post in which a Vsetin surgeon and the chairwoman of ZO ONKO-DUHA Vsetin spoke about the importance of breast cancer prevention and periodicary self-examinations and to continue this event as long as there is some people who believe that the threat does not concern them and never will.

In total, roughly three thousand residents of Vsetin and surrounding areas were asked to voluntarily participate in the event. Aside from the informative disease awareness leaflets, participants were given a pink scarf to remind women of the necessity of regular self-examinations, which can be done at home as an alternative to an examination in a mammographic centre.

^{*1} Kayaku Safety Systems Europe a.s. (KSE), located in the Czech Republic, engages in the manufacture and sale of automobile safety components

^{*2} ZO ONKO-DUHA Vsetin is the Vsetin branch of SPCCCH (an organization for breast cancer patients in the Czech Republic), which in turn is an organization to which KSE has been providing financial assistance since 2015.



KSEの従業員も、ピンクを着てキャンペーンへの支持を示しました。

Kayaku Safety Systems de Mexico, S.A. de C.V.

Pink Ribbon Campaign activities

October is Breast Cancer Awareness Month, KSM had a Pink Ribbon Campaign that includes conferences for all its employees to raise awareness about early detection and how to do self-tests, and they can share this information with their families.

In 2019, the conferences were held by members of the Red Cross (Mexican Red Cross), Alejandra Aguilera and Carmen Muñoz.

During the conference, the importance of breast cancer screening, how to carry out the self-test, the stages and types of breast cancer, and recommendations on how to have a healthier lifestyle were highlighted. Also a member of the Cruz Rosa, Esperanza Gómez taught us how you can check a breast cancer by yourself by using a silicon breast sample. At the end, a brochure with information of breast cancer was delivered as well as a pink towel to each of our collaborators.



KSE KSE employees supported Children's home

Representatives of Kayaku Safety Systems Europe a.s. handed the amazing amount of CZK 30,137 over to children from the Children's Home in Valasske Mezirici in December, 2019. It was an excellent Christmas present for the children who can't live with their families.

The amount of CZK 25 137 was collected by KSE employees in the company cash collection, CZK 5 T was a company donation. This financial contribution is to be used for leisure activities of children, e.g. visit of a cinema, trip to the ZOO or for other activities outside the Children's Home, which cannot not be normally afforded by the Home.

Neither the Home's management nor its children hid their excitement about the financial gift and thanks to their approach they all created a friendly atmosphere. It is adorable that there are people at our company who are willing to help those, who were not lucky enough to grow up in a functioning family.

The amount of KSE annual sponsorship is CZK 1 mil. This money is divided between a local hospital, charities, sport clubs for youth, schools and other educational and cultural activities.





KMY KMY's First Blood Drive

In cooperation with the nearby Tunku Jaafar Hospital Blood Bank Centre, KMY held its first in-house blood drive in November 2019. This came about because the needs of the Blood Bank Centre matched up with KMY's desire to contribute to the local community.

On that day, about 50 employees gave blood in response to the Human Resources Department's call for donors. We would be glad if, through this program, we are able to help as many people who need blood as possible.

Before making their blood donation, employees received a Health Talk and health consultation from a doctor. Many employees paid attention and used the opportunity to consider the state of their own health.

Although this was the first blood drive, we plan to hold them regularly from now on, as we want to contribute to local communities and to help upgrade employee's health.



[Click here to learn about past programs](#)

■Nippon Kayaku

Fukuyama Plant Opening up tennis courts to the public ▼

Tokyo Plante Hosting internships for High School Students ▼

Fukuyama Plant Internships ▼

Takasaki Plant and Gunnan Sangyo Co., Ltd. ▼

■Group companies

Polatechno Co., Ltd. Wrap Advertising on a Train ▼

Kayaku Safety Systems Europe a.s. (KSE) Safety Days ▼

Nikka Fine Techno Co., Ltd.
Activities to deepen interaction with the local community ▼

Kowa Sangyou Co., Ltd.
Supporting activities of local fire company ▼