

2021 KSEA National Science Fair “Let’s Science”

June 5, 2021, 3PM (EDT)

Eligible for 3rd - 6th graders

Science fair will be held virtually via the ZOOM.
The link for participation will be announced at the end of May

The important dates for the Let’s Science are:

- Science Fair Event Date: 3 pm EDT/12 am PDT, Saturday, June 5, 2021
- Eligible Grades: 3rd to 6th Grades
- Registration Deadline: May 23, 2021
- Registration website: <http://ksea.iseesciencelab.com/>
- Fee: \$40 (Include shipping & handling)
- Platform: Home/Zoom
- Award Announcement: 2 pm EST/11 am PST, Saturday, June 12, 2021 (Link will be provided later)

Dear KSEA Members and Parents of 3rd, 4th, 5th, and 6th Graders,

KSEA is excited to introduce a new science program, 'Let's Science', for our children at the elementary level. This program is running separately from NMSC.

We hope to teach our children the basics of science via online education and at-home experiments. The first program is about learning the concepts of basic laboratory safety, personal protection equipment (PPE), control and duplication of experimental samples, and critical thinking by developing logic and reasoning. The scientific topic this year is measuring and understanding the basic concept of pH (acid/base). By participating, we expect our children to understand the importance of protecting themselves by exercising safety rules, wearing PPE, and a wide range of pH on food and how it works in our body.

Please read below for details on the scientific kit, the lecture program, and awards from the KSEA.

About Let's Science program:

We hope to elevate our children's interest in STEM by exposing them to fundamental concepts at an early age. By introducing and teaching the key concepts to elementary schoolers, they will better understand how STEM, art, and recreation are interconnected. Touching the laboratory items, witnessing the experiments, and feeling the science will be an eye-opening experience for our children. Through learning the importance of pH and its effects on our environment, we hope that they grasp the concepts of Acid and Base by using everyday items at home and further enhance their logic and reasoning to understand how the pH concept is integrated into our surroundings and foods they intake.

KSEA hopes that members/parents encourage children to participate in this hands-on experiment with 'Ask me about pH kit' and a 3hour online teaching lab program. This science program is sponsored by KSEA and Overseas Korean Foundation (OKF) and Kits are provided by iSEE Science Lab.

Ask me about pH



Ask me about pH kit

- Full set pH Science Kit
- Safety for scientists
- Professional Level



Video Content

- Full Video Learning
- Unique each materials
- Ph D. approved



Meet Scientists

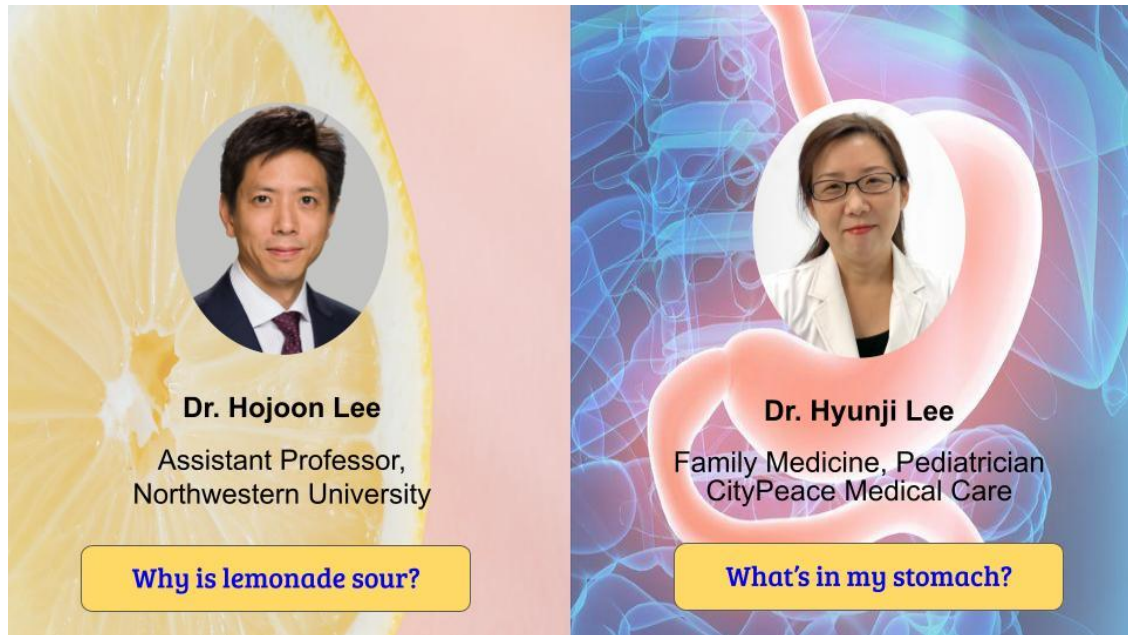
- Meet Scientists
- Professions expert advice
- Live Meeting



Competition

- Creative Award
- Innovative Award
- STEAM Award & more

The specialized experts in science and medicine who you will meet at “Let’s Science”



National Award

- Category (submit the detailed explain how to test)
 - Creative Award: Student who performed best experiment (accurate result) with the samples we suggested like Albert Einstein
 - Innovative Award: Student who used rare/atypical materials like Marie Curie
 - STEAM Award: Artistic/aesthetic format of plate like Leonardo da Vinci
- 3 National awardees/grade: Gift card & Certificate
- All participants: Honorable Mention Certificate & iSEE Science Lab Gift
- Judge by KSEA CONTEST COMMITTEE

Program

PDT (Seattle, Southern California)	CDT (Chicagoland)	EDT (NE, NJ, Eastern Carolina)	Contents
12:00 - 12:10 PM	2:00 - 2:10 PM	3:00 - 3:10 PM	Welcome Remarks
12:10 - 12:20 PM	2:10 - 2:20 PM	3:10 - 3:20 PM	Introduction of pH - What is pH?
12:20 - 12:35 PM	2:20 - 2:35 PM	3:20 - 3:35 PM	Meet a scientist #1 (15min), "Why is lemonade sour?"
12:40 - 1:00 PM	2:40 - 3:00 PM	3:40 - 4:00 PM	Introduce Activity #1: Safety & Ask Me About pH
1:00 - 1:40 PM	3:00 - 3:40 PM	4:00 - 4:40 PM	Hands on Experiment Activity #1, Q&A
1:40 - 1:55 PM	3:40 - 3:55 PM	4:40 - 4:55 PM	Meet a scientist #2 (15min), "What's in my stomach?"
2:00 PM	4:00 PM	5:00 PM	Group photo
2:00 - 2:20 PM	4:00 - 4:20 PM	5:00 - 5:20 PM	Introduce Activity #2: Competition Experiment & Upload
2:20 - 2:50 PM	4:20 - 4:50 PM	5:20 - 5:50 PM	Hands on Experiment Activity #2, Q&A
2:50 - 3:00 PM	4:50 - 5:00 PM	5:50 - 6:00 PM	Closing

Please visit the KSEA 2021 SCIENCE FAIR website (<http://ksea.iseesciencelab.com/>) for more information. Should you have any questions, please send your inquiry to kang.ksea@gmail.com

KSEA 2021 SCIENCE FAIR Committee

Korean-American Scientists and Engineers Association (KSEA)

Website: <https://ksea.org/>

Facebook: <https://www.facebook.com/KSEA.HQ/>