



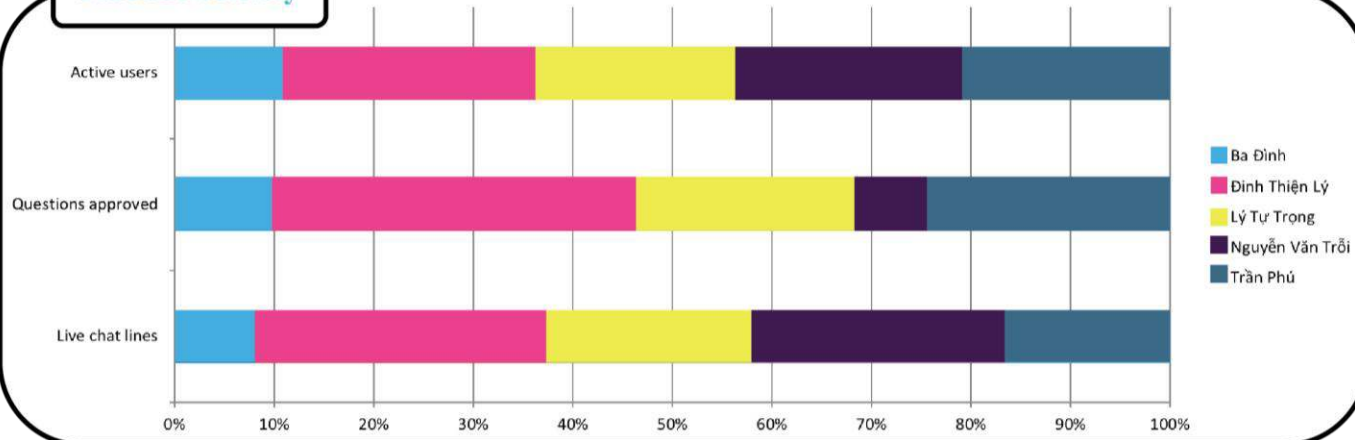
CROP SCIENCE Zone

JANUARY 2018

This summary zone report contains key data on the activity in the Crop Science Zone, *Khoa học Cây trồng*, which ran from 29th January to 9th February. This zone took place with the participation of:

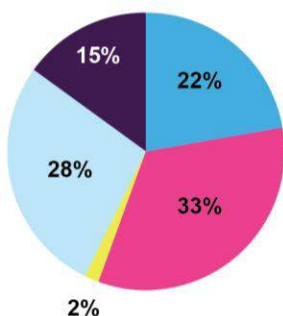
- **5 schools** in Hanoi, Ho Chi Minh City and Tra Vinh Province
- **5 scientists** working in Vietnam, and Australia
- **128 students** aged from 13 – 14 logged into the zone, **93.75%** actively took part in the event in either the ASK, CHAT, or VOTE sections.

Student activity

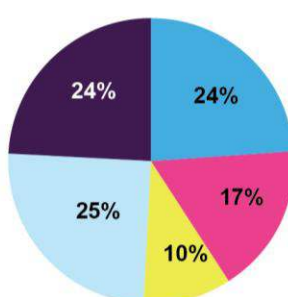


Scientist activity

Answer



Live Chat Lines



Scientist

Profile views

Võ Trung Kiên WINNER	218
Ngô Thị Thanh Huệ	158
Phạm Phước Nhân	126
Nguyễn Thị Huyền Trang	174
Thân Quốc An Hạ	135

Interaction outcome

Student

117 students from 5 secondary schools in Ho Chi Minh City and Tra Vinh City took part in post-event surveys after joining Chat voi Nha khoa hoc.

Students' changes of interest in science

BEFORE

65%
of students
interested in science

Chat với
NHA KHOA HỌC

AFTER

91.5%
of students
interested in science

Students' feedback on 3 main activities

Ask?

88%

agreed scientists gave clear and satisfying answers to what they asked.

Chat

89.7%

agreed scientists were friendly and science works were more interesting than they thought before chatting.

Vote

90.6%

agreed to vote for the scientist that was humorous and friendly, giving clear answers to their questions.

Science knowledge students gained after the event

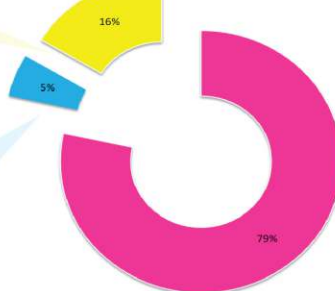
- Understanding about crop science
- Ecosystem and Environment protection
- Scientists' work and life

"The scientists are wonderful. I learned that being a scientist is not only about exploring but also answering people's questions."

"I know the dreams of these scientists. They are very friendly."

"The Earth could be destroyed if people don't care about environment protection."

"The Ecosystem is in danger."



"Cactus can contain a large amount of water after it rains."

"I know how oxygen's produced in photosynthesis. We can stimulate plant photosynthesis."

"Mushroom is not a kind of plant. It can live well without sunlight."

Scientist

"Through chatting with school students, I find out that their questions are quite diverse, and they learn about science more deeply than I did at the same age. Being involved with school students is a precious experience for me. Understanding what they need is more important than saying what I know. Promoting the connection between scientists and students in Vietnam is very necessary. This gives them the opportunity to better understand phenomena, learn how to explain scientific issues or form scientific research ideas. Meanwhile, scientists have chance to learn how to simplify scientific issues."

– **Ngo Thi Thanh Hue**, PhD Student at Adelaide University, Australia

"Chat voi Nha khoa hoc is an interesting and rewarding activity for both the scientists and the students. Students learn and gain more knowledge about the given theme. Scientists can exchange knowledge with other fellows and students."

When participating in this event, the scientists can accumulate more experience and knowledge. This is such an interesting event that not all organisations can do."

– **Nguyen Thi Huyen Trang**, Ho Chi Minh City University of Agriculture and Forestry, Vietnam

Feedback on the online engagement method

The effectiveness of the online engagement method used for school students to access to science was rated **8.3 over 10** by teachers. Furthermore, **83.8%** of students participating in this zone find it easy to use the website. Meanwhile, scientist commented:

"I realised that answering questions to them is very important. The scientists need to provide short and direct answers. If students want to understand more about something, they can discuss further in the ASK section, and then there will be more time for asking and answering."

– **Ngo Thi Thanh Hue**, PhD Student at Adelaide University, Australia

Key figures from Crop Science zone and Food Science zone, which ran at the same time

	CROP SCIENCE Zone	FOOD SCIENCE Zone
Total page views	4,907	4,769
ASK page views	271	384
CHAT page views	835	872
VOTE page views	424	575
Live chat	9	10
Lines of live chat	1,620	1,651

Top issues students asked in Crop Science zone

Size represents frequency of issues.

The bigger the size is, the more interested the students are.

(English translation in brackets.)

Sức khỏe (health)

Con người (human)

Sơ cứu bỏng (first aid treatment for burns)

Cây trồng (crops)

Nghiên cứu khoa học (scientific research)

Đột biến gen ở người (genetic mutations in humans)

Thủy canh (hydroponic)

Đất trồng (soil)