

Sagano SSH - Gateway to Becoming a Scientist

SSH
Designation
FY2012-2016

Nurturing scientific curiosity

★ Super Science Laboratory I II III

Nurture creativity through 3-year-long scientific activities

- ◎ cross-curricular programs
- ◎ conference presentation/academic writing
- ◎ participation in competitions/science Olympics

- ◇ Science lecture series
- ◇ Science field work T・S



Collaboration with university/business

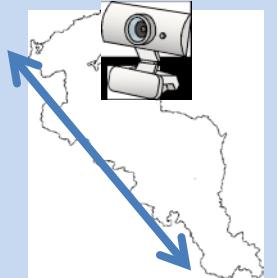
Kyoto University, Kyoto Prefectural University
Osaka University, OMRON, HORIBA, etc.

Social contribution /Nurture leadership

Kyoto-Tango regions Science Road Concept

Math & science education hub school
In northern Kyoto prefecture

- ◎ Joint research/study
- ◎ Joint lecture
- ◎ Scientific experiment lesson for junior-high students



SAGANO

Super Science High School
With **S**cientific **A**nalysis
and **G**lobal **A**wareness,
Navigate **O**nward

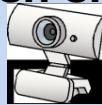
Nation-wide
collaboration of
SSH schools



International Exchange

Through presentation and discussion
at Int'l conferences, acquire advanced English skills
and nurture globally-minded students

- ◎ workshop ◎ exchange research results
- ◎ joint research



Hyper Mirror
Distance Collaborative
Learning System



【 Republic of Singapore 】
・ NAN CHIAU HIGH SCHOOL.
・ YISHUN TOWN SECONDARY SCHOOL
【 Delegation to UK 】



New cross-curricular subjects

- ★ Critical & Logical Thinking Skill Training (Japanese language)
- ★ Science English I・II
Foster cognitive academic language proficiency (CALP)
◎ write English thesis ◎ give presentation in English
- ★ Global Science (English language)
Enhance scientific thinking abilities of students in
Humanities course and English & Cross-cultural course
- ◇ Improve lessons based on natural scientific viewpoints

Reinforce communicative abilities on the global stage

Acquire advanced language proficiency

R&D theme : Develop effective educational methods which enable the cultivation of ideal mind-sets necessary for future researchers who will be able to assume leadership on the global stage with high scientific curiosity, creativity and the spirit of social contributions.

- ★ unique school subjects
- ◇ unique undertakings