

What links between researchers of eosciences and high school?

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1 The contribution of findings to society

1. The direct contribution of findings to society

There are some findings in the areas of oceanography, earthquake, geometry, meteorology which are contributed to applying to city architecture planning and flame proof.

2. The contribution to the culture of the country

Findings of research on astronomy, mineralogy can be spread over by means of a variety of activities of research institutions. As a consequence, these research findings can take an important role on enrichment of culture of this country.

3. The role of arts

The role of arts should be related to daily life.

2 Inheritors education

1. Course determination in university and taking subjects in high school

It is necessary for students in medicine to take subject of life, for students majoring in physics to take physics in high school.

2. Basis of curriculums of geosciences

Some people argue physics and chemistry of high school are the basis of geosciences. From another point of view, it is argued that the background of geosciences research should be a series of nature studies.

3 Relationship between university and high school

1. Writing textbooks

I argue that association of geosciences should be involved in providing suitable textbooks for novice of university students and high school students.

2. Collaboration of university with high school

It is the increasing case that high school students take curriculum of university. I argue that such direct collaboration between university and high school is required.

3. The intermediation in the linkage of university to high school

Both of university and high school must desire to link to each other. I argue that the best agency intermediate to link each other is research associations. I also argue that research associations are the only agencies to offer resources of persons and teaching materials for university and high school.

4. High school as a small university

It is important that we should think of what is the achievement in the stage of high school before entering into the stage of university education.

4 Relationship between high and junior high schools

1. Requirement of checking of subjects in the junior high school

I argue that education specialists of junior and high schools collaboratively have to re-consider the subjects of junior high school again. The reason is because many people are familiar with findings of geoscientific researches via mass media.

2. Junior high school as a small high school

As is the case in the relation between university and high school, subjects of junior high school should not be set to achieve before subjects of high school. Rather, I argue that junior high school students should set the specific goal to achieve subjects of junior high school in themselves.