

The purpose of this research was to study trends of science teaching media in secondary education in the year 2012 by using the Delphi technique. The trends in the year 2002 were also studied as guidelines for the year 2012. The samples were 18 Thai experts in science education and educational technology. The findings were as follows ;

1. Towards the policy of the Government on science teaching media and their utilization, the experts anticipated that the Government will promote the wide production of the media within the country, enhance the media production by teachers and allow to import those media cannot be produced within the country without paying tax. It will provide sufficient budget for teachers training, research and development and purchase of science teaching media. It will also establish a science teaching media center in every province as well as computer network with accessible science database for schools.

2. Towards modes and utilization of the 5 categories of science teaching media : people, materials, tools and equipment, activities and settings, the experts anticipated that teachers will guide on learning resources, facilitate the teaching and learning and always utilize media. Every schools will utilize videotape cassettes in science teaching and about half of them will be one concept short programmes. Teachers and students will have freedom in choosing textbooks. There will be computer based simulations for dangerous experiments. Experiment will still be an important part of learning science. Science projects will be compulsory. About half of science learning will be independent learning. Most schools will have uni-purposed laboratory for each science subject.