

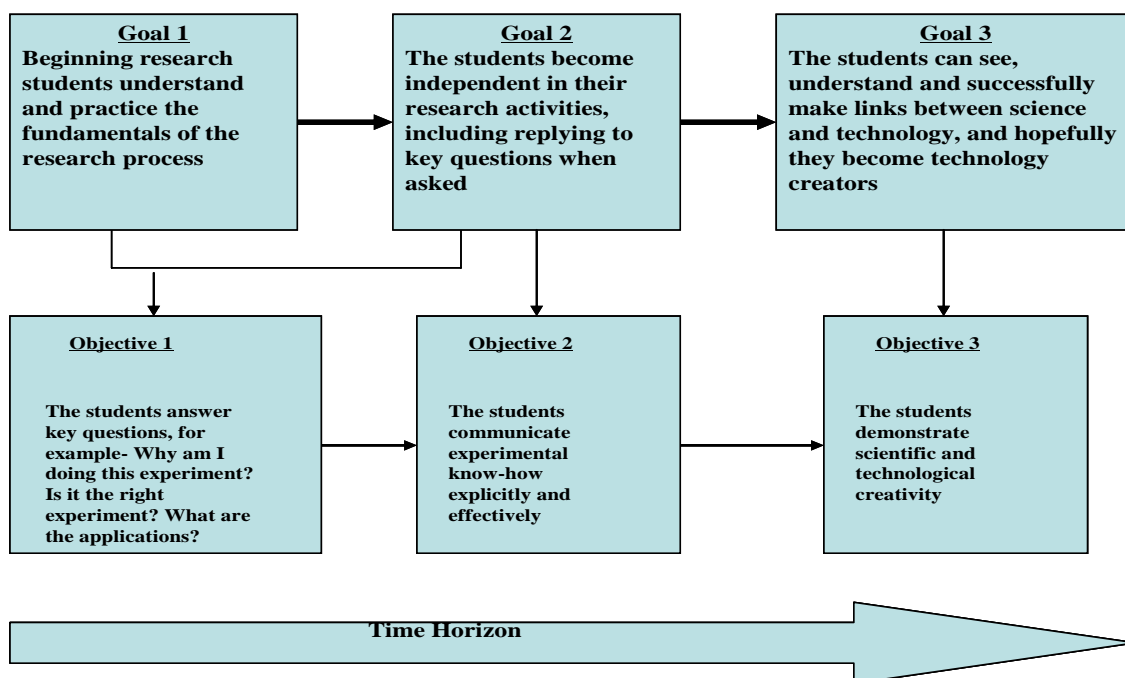
Knowledge Management for Scientific Technology Creation in Academic Laboratories

- Strategic Center Project - SC3

Leader: Q. Hasan (Research Professor, Center for Strategic Development of Science and Technology)

Research Outline

While the majority of the cases on knowledge management refer to the business setting; we believe that the introduction of knowledge management practices can also enhance knowledge creation and knowledge sharing within and between research units. This pilot study represents a cooperative effort between the School of Knowledge Science (KS), doing research on knowledge management and systems, and two research laboratories operating jointly in the School of Materials Science (MS), doing basic and applied research on materials science. The goal of this study is to enhance materials science students' capabilities so that they become successful creators of new scientific and technological knowledge. The program's goals and objectives are shown below.



Members

E. Tamiya (Professor, School of Materials Science), K. Umemoto (Professor, School of Knowledge Science), M. Tsukamoto (Doctoral Course Student, School of Materials Science and RA)

Publications

- Knowledge Management for Science and Technology Research and Development in Academic Laboratories, Q. Hasan, In Proceedings of the International Forum-Technology Creation based on Knowledge Science, Plenary presentation, pp. 7-8, Nov. 10-12, 2004.