The Impact and Effectiveness of Technology Education Programs

1. Identification and development of heuristic, problem solving strategies.
2. Effectiveness of the modular approach to instruction in technology education.

The Effectiveness of Teaching Methods and Curriculum

1. Characteristics of exemplary technology education programs.
2. Effectiveness of different approaches to teaching technology education.

The Impact of Technology Education on Basic Education Skills

1. Integration of academics into technology education.
2. Impact of technology education on the math, science, and reading skills of elementary students.
3. Technology education as an integrator of academics.

The Impacts of Technology Education on Society and Culture

1. The perceived value of technology education by high school graduates.
2. Value of technological literacy to the general public.
3. Social construction of technology: methods of developing student awareness.
4. Historical study of the impact of IA/TE on the education of American youth.

Promoting Diversity in Technology Education

1. Determine the essential elements of technological literacy for all citizens.
2. Develop models to integrate diversity issues into the technology education curriculum.

Promoting the Image of Technology Education

1. A developmental study to suggest a plan to promote technology education.
2. Determine successful strategies for improving the public image of technology education.

Addressing Teacher Supply and Recruitment Issues

1. The supply and preparation of technology teacher education.

Figure#1. Categories and topics for research projects proposed by the Research Committee of the Council on Technology Teacher Education.