

TECHNOLOGY EDUCATION CURRICULUM SUMMARY

The purpose of the Technology Education Curriculum Summary is to present an overview of the Exploring Power and Energy curriculum. Parents are the intended audience of the Technology Education Curriculum Summary.

Sources of Energy - Impact on Environment

- Control of energy
- The nature and principal sources of energy
- Solar energy
- Alternative sources of energy
- Conservation of energy
- Effect of energy use on the environment

Types of Power - Mechanical, Fluid, Electrical

- Mechanical power - theory and principals
- Mechanical power systems
- Fluid power - theory and principals
- Fluid power systems
- Electrical/alternative forms of power - theory and principals
- Electrical/alternative power systems

Transportation Systems and Engines

- Basic transportation systems
- External combustion overview
- Internal combustion overview
- Small gasoline engines
- Maintaining and troubleshooting small gasoline engines
- Equipment powered by small gas engines