CORPORATE SHIELDS

Objective for Student Activity

- Develop a symbol and name for the learning community and show it on a shield.
- Identify the members of the learning community and demonstrate on a shield.
- Use logos and on-line information to reflect the industries associated with members in the learning community and apply to a shield.
- Research industries of learning community members and demonstrate their product or service on the shield.

Time Frame

This activity will take approximately two ninety minute periods depending on the amount of research required. More time should be allowed for research when computers are not available. Since most students have computers at home, the research component could be given as a homework assignment. Students who enjoy the creative aspect of this assignment may need additional time to "dress up" their project.

Benchmarks:

Science Benchmarks:

- **By the completion of Grade 8, the student will understand how to use technological supports and how to correctly use and care for scientific equipment.**
- **By the completion of Grade 12, the student will understand how to recognize the organization and order of systems.**
- **By the completion of Grade 12, the student will understand how to gather evidence, generate models, and communicate their work to others.**
- **By the completion of grade 12, the student will understand how to communicate the nature of science in a scientifically literate manner.**

Teacher Resources:

Any collection(s) of textbooks in the given subject area can be used to complete this assignment if it is an academic assignment. When given as an assignment in the vocational area, the teacher would want to preview sites on the internet that students may need to research.

Web Sites:

These web sites give information on the history of shields.

www.childlearns.com/healdry.html

www.fleurdelis.com/shields.html

Materials:

- Poster Paper
- Glue
- Scissors
- Glitter
- Ribbon
- Markers
- Any craft material that will give depth and dimension to shield

Instructional Concepts:

- Research skills and creativity will be enhanced when the participants develop a logo that will be used on their shield.

- Integration and networking skills will be enhanced as participants use their skills in different subject areas to develop their shield.

Project Development:

- Participants will work together to develop learning communities (these may be developed from teachers from the same school or teachers from the same geographic region).

- Participants will devise a name for their learning community.

- Members of the learning community will use a pattern to cut a shield from their desired color of poster paper.

- Participants will develop a symbol or logo for their learning community. This will go in the upper left-hand quadrant of their shield.

- Participants will reflect the names and teaching areas of the community members in the upper right hand corner of their shield. (Use this as a place to let you creativity stand out! For example, a chemistry teacher might have their name inside a flask.)

- Participants will research the industries that they are working with and download their logo. The logos will go in the left hand corner of their shield.

- Participants will research the products or services provided by their industry and show these in the lower right hand corner of their shields.

- Participants will use available materials to make their shields creative and colorful.

Evaluation:

This project can be evaluated in a variety of ways. An example of a rubric follows:

1. Family logo created and placed on shield.
2. Family member's names and their teaching area creatively shown.
3. Logos of associated industries shown.
4. Products and/or services of associated industries shown.
5. Neatness.
6. Creativity.
7. Colorful.
8. Group members work together well.

Application in the Workplace:

- Students could develop a local industry and develop a shield for the industry.
- Students could develop technical writing skills by creating detailed instructions for the design of the logo.
- Students will develop measuring skills in laying out the logo.
- The students will further develop internet skills.
- The students will develop group-working skills.
- The students will develop and implement communication skills.

Other Academic Applications:

- Chemistry students can develop a shield that represents a family on the periodic table.
- Biology students can develop a shield based on taxonomic divisions.
- Physics students can develop a shield based on different types of forces.

Integration Across the Curriculum:

- Mathematics students could help lay out the shield and assist with measuring.
- Technology students could help with downloading diagrams and pictures.