



## Flow Charts

Choose a topic and research the step-by-step process involved. Identify the main steps in the process, in the correct sequential order. Using a large sheet of paper or poster board, illustrate the main steps in the process. Label each step and include a short description of what happens at each step. Your completed project should describe the process as it flows from one step to the next, in the correct order, until the final product.

Choose from one of the following topics, or find a topic of your own choice:

- underground coal mining, and the barge or railroad transportation to the coke ovens;
- the process of longwall mining for use in underground mines;
- the coking process, transforming coal into coke, in beehive ovens;
- the blast furnace iron making process and the use of coal in the furnace;
- the use of coal in the creation of electricity;
- the use of coal in the production of a variety of products such as plastics, perfumes, medicines, soaps, detergents, nylon items, nail polish, inks, glue, shoe polish, weed killer, or fertilizers;
- the progression of the Homestead Strike to the Battle of Homestead in 1892;
- environmental pollution of the land, the water, or the air, from coal mines to the use of coal in industry;
- attempts to clean up the pollution of the land or water or air, as caused by coal mines or the use of coal in industry;
- any other type of step-by-step process in relation to the coal industry or other procedures that are related to the industry and the economy.