

L1 What are petrochemicals?

L1 What kinds of products result from Alberta's petrochemical industry?

L6 How do natural and synthetic polymers compare?

L2 What are organic halides?

What kinds of chemical reactions are used to manipulate hydrocarbons to produce petrochemicals?

L6 What are other reaction mechanisms by which polymers can be made?

L2 In what reactions are organic halides involved?

What are some of the processes that occur within Alberta's petrochemical industry?

L5 What is the process used to make plastic?

L3 What are alcohols?

How has the petroleum industry responded to concerns about the environment?

L5 What properties must molecules have if they are to be used in making plastic?

L3 Are alcohols being produced and used in a responsible way?

L4 what are carboxylic acids and esters?

L4 How are carboxylic acids and esters involved in the petrochemical industry?