

L1 What are hydrocarbons?

L1 What is petroleum?

L2 What are alkanes?

L2 What industries use alkanes?

L2 What steps are used to refine natural gas?

L3 What are alkenes, alkynes, cycloalkenes, and cycloalkynes?

L3 How is the structure of an unsaturated hydrocarbon communicated?

L3 What is the abundance and significance of unsaturated hydrocarbons?

L3 How does industry use alkenes and alkynes?

Module 5 Questions

What is petroleum?

What does Alberta's petroleum industry do?

Where do hydrocarbons come from?

What are hydrocarbons and what makes them such an important class of compounds?

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

What impact does the hydrocarbon industry have on Alberta's economy and environment?

L4 What are aromatic compounds?

L4 How do aromatic compounds differ from other hydrocarbons?

L4 Why are there safety concerns associated with some aromatic compounds?

L6 What processes in the petroleum industry impact the environment?

L6 What effect does the reaction of hydrocarbons have on the environment?

L6 What opinions does society have with respect to the petroleum industry?

L5 What is crude oil?

L5 What is oil sand?

L5 How is crude oil refined?

L5 Why is oil sand processed?

L5 What products come from crude and other oil types?

L5 How is the oil industry affected by economics?