

L1 How does society use the energy of chemical changes?

L1 How do you use the energy of chemical changes in your life?

L2 How is energy quantified?

L3 How can knowledge of specific heat capacity be used in the design of a sleeping bag?

L4 What changes occur during a chemical reaction at the particle level?

L8 How are standard molar enthalpies of formation used to determine the enthalpy change associated with chemical reactions?

Module 1 Questions

Should energy be given a higher priority when making decisions about society's future?

How does society use the energy of chemical changes?

What are the impacts of energy use on the environment?

How does society use knowledge of the energy associated with chemical processes to promote sustainability?

In what ways have issues of energy use affected the development of past and present societies?

L4 Why do chemical changes and energy changes occur at the same time?

L7 How does Hess' law relate to enthalpies of reaction?

L7 What is Hess' law?

L6 How are enthalpy changes communicated?

L5 How can the energy richness of different fuels be compared?

L4 What is enthalpy?