



## Adventist Content

Teach essential subject content by:

a) Identifying and teaching subject content important to Adventist Education, that goes beyond what is specified in the public or government curriculum

Some examples:

- Chemistry of perfect world before sin entered
- Our responsibility to maintain balanced chemistry in body functions, as in avoid drugs

Additional examples:

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b) Identifying and giving an Adventist perspective to subject issues or teachings or practices which differ from the Adventist view, that may be introduced by the public textbook, government syllabi or that may come naturally from the area of CHEMISTRY and call for response or explanation.

Some examples:

### ISSUES IN CHEMISTRY

#### **Food additives**

- Effects
- Preservatives
- Synthetic food - square eggs

#### **Fuels - energy sources**

- Renewable or alternative
- Non-renewable or fossil
- Nuclear
- Waste disposal
- Irradiation of food - medical, laboratory research
- Research

- Alternative energy resources - wind, wave, and solar
- Politics of changing from fossil fuels

#### **Ozone Layer**

- Ozone depletion
- Skin cancer
- Cfc's
- Nitrogen oxides

#### **Retaining Scientists**

- Brain drain

## step 2 learning the approaches

Adventist Content (continued)

### **CHEMISTRY**

c) Identify subject themes that recur throughout the topics and lessons and show a spiritual application or value associated with the theme. The theme can be used many times throughout the course to reinforce the spiritual lesson each time it is seen in the subject content

theme	spiritual insight	topics
state of matter	God understands us whatever state we are in.	a. gas b. liquid c. solid d. plasma
energy	God still has many secrets about energy and matter. The more we observe the more we can learn of His creation.	a. forms b. measurements c. conservation
structure	In God's care for us, He provides enough evidence for us to know that He is the Creator and Designer of order in our universe.	a. symbols b. elements/compounds c. bonding d. nomenclature

Additional Themes:

Adaptability  
Cause/effect  
Conservation  
Design  
Energy  
Future  
Healing  
Heredity  
Instrument  
Life

Nature  
Origin  
Research  
Resources  
Survival  
Symbiosis  
System  
Theory/fact  
Universe  
Validity