

Pueblo Community College  
60 South Cactus  
Cortez CO 81321

Name:  
Teacher: Anne McGinley  
Date: Wed. Dec 12, 2001  
Course: Science

### Food Chemistry

Explore the basic activity of enzymes to break down complex carbohydrates into simple sugars

**Expectations:**

Criteria:	Level 4 (80% - 100%)	Level 3 (70% - 79%)	Level 2 (60% - 69%)	Level 1 (50% - 59%)
<b>Knowledge</b>				
analyze data and information and evaluate evidence and sources of information	provides rich analysis of the data, draws insightful conclusions based on the data; identifies and explains sources of errors and/or bias	provides sufficient analysis of the data, draws valid conclusions based on the data; identifies and explains some sources of errors and/or bias	provides some analysis of the data, demonstrates some ability to draw conclusions based on the data; identifies some sources of errors and/or bias	provides limited analysis of the data; demonstrates limited ability to draw conclusions based on the data; has difficulty identifying sources of errors and/or bias
<b>Thinking</b>				
formulate scientific questions about enzymes and digestion	formulates original, creative, focussed and relevant scientific questions about enzymes and digestion	formulates scientific questions about enzymes and digestion; questions are focussed and relevant	formulates scientific questions about enzymes and digestion; questions lack focus, relevance, and/or depth	formulates few relevant scientific questions about enzymes and digestion
<b>Communication</b>				
outline experimental procedures for finding answers	develops an appropriate and effective set of procedures	develops an appropriate set of procedures that may lack efficient, clarity and/or completeness	develops a partial set of procedures	develops a faulty set of procedures
describe careers based on technologies that utilize chemical reactions	describes dietary careers that are based on technology that utilizes chemical reactions in a wide variety of professions, trades and industries	describes dietary careers that are based on technology that utilizes chemical reactions in a variety of common and familiar occupations	able to partially describe some dietary careers that are based on technology that utilizes chemical reactions	able to partially describe a dietary career that is based on technology that utilizes chemical reactions