Pueblo Community College
60 South Cactus
Cortez CO 81321

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

Acid/Base Reactions

Explore properties of Acids and Bases

Expectations:

Criteria:	**Level 4** (80% - 100%)	**Level 3** (70% - 79%)	**Level 2** (60% - 69%)	**Level 1** (50% - 59%)
Knowledge				
describe some of the physical and chemical properties of hydrocarbons	research and describe some of the physical and chemical properties of acid/bases with complete information	research and describe some of the physical and chemical properties of acid/bases with good information	research and describe some of the physical and chemical properties of acid/bases with some information	research and describe some of the physical and chemical properties of acid/bases with limited information
Experimenting				
use a titration procedure to determine the concentration of an acid or base	uses a titration procedure to determine the concentration of an acid or base with excellent effectiveness	uses a titration procedure to determine the concentration of an acid or base with considerable effectiveness	uses a titration procedure to determine the concentration of an acid or base with some effectiveness	uses a titration procedure to determine the concentration of an acid or base with limited effectiveness
experiment to find the effect of dilution on the pH of an acid or a base	experiments to find the effect of dilution on the pH of an acid or a base with excellent success	experiments to find the effect of dilution on the pH of an acid or a base with considerable success	experiments to find the effect of dilution on the pH of an acid or a base with some success	experiments to find the effect of dilution on the pH of an acid or a base with limited success
Communication				
explain the difference between strong and weak acids and bases	explains the difference between strong and weak acids and bases with accurate reference to degree of dissociation	explains the difference between strong and weak acids and bases with considerable reference to degree of dissociation	explains the difference between strong and weak acids and bases with some reference to degree of dissociation	explains the difference between strong and weak acids and bases with limited reference to degree of dissociation
write balanced chemical equations for reactions involving acids and bases	writes balanced chemical equations for reactions involving acids and based with excellent accuracy	writes balanced chemical equations for reactions involving acids and based with considerable accuracy	writes balanced chemical equations for reactions involving acids and based with some accuracy	writes balanced chemical equations for reactions involving acids and based with limited accuracy