Fourth Grade Curriculum: First 9 weeks  
Learn Science Lab Rules/Safety  
2. Practice working in groups to build and solve challenges.  
  
Engage and Explore  
1. Students will demonstrate how water changes.  
2. Students will learn the temperatures at which water freezes and boils.  
  
Explore and Explain  
1. Students will create cloud models and demonstrate understanding of how clouds form.  
  
Explain  
1. Students will create a working model of the water cycle and label the different stages.  
  
Explain  
1. Students will use what they know about water and ice to construct a creative and re-useable ice cube tray.  
   
Weather  
Lesson Objectives  
Explore and Explain  
1. Students will identify weather instruments and use them to measure weather data.  
  
Explain and Evaluate  
1. Students will learn about the symbols used on weather maps  
2. Students will practice interpreting and creating weather maps.