



Lesson Logistics

Learning Outcomes

Grades 10-12
Chemical Reactions
From Structures to Properties

Class Organization

Divide the students into groups of four or five.

Notes

Dilute acids and bases are used in this activity. Care should be taken when handling the zinc solutions and using the UV lamp. Lab safety glasses, lab coats and gloves should be worn at all times.

Prior to the start of the class, the chemicals and ice should be set out on a table that is easily accessible to students. It may be helpful to cut or crush the sodium hydroxide pellets into smaller pieces.

If there is only one UV lamp, stagger the starting time so that each group can use the UV lamp after approximately five minutes of reaction time has elapsed.