Recognizing Chemical Reactions

Summary

Students will add 4 chemicals to a beaker and observe the changes that take place. They will classify them as physical or chemical changes.

Time Frame

1 class periods of 60 minutes each

Group Size

Small Groups

Materials

- student sheet
  (attached)
  200 mL beaker
  phenolphthalein solution (1% acidified)
  small piece of an antacid tablet
  ferric ammonium sulfate solution
  sodium carbonate solution
  graduated cylinder
  tap water

Instructional Procedures

Collect materials and set out for students. Run off student sheets.
Do a "brain drain" with students by writing "chemical change" on the board and have them work in small groups (3-4) to write down everything that comes to mind that relates to this subject.
Have them share their work with the class and write a summary of all the answers on the board.
Introduce the lab and read through the student page with students.
Allow time to work and clean up.
See if students can add any additional ideas to their list of they started class with.

Bibliography

Lesson Design by Jordan School District Teachers and Staff.

Authors

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