Mitosis Models

Summary
Students will use small objects such as Legos to model cell division.

Main Core Tie
Science - Biology
Standard 2 Objective 3

Time Frame
1 class periods of 70 minutes each

Group Size
Small Groups

Materials
- student sheet
  (attached)
  Provide a variety of small objects to be "chromosomes". Legos are good because they stick together.
n Chenille sticks
n Crayons
n Rubber bands

Student Prior Knowledge
Students should have briefly gone over mitosis and cell division

Instructional Procedures
  Pass out the student sheet. Place students in groups of 4.
  Allow students to read over student sheet.
  Give students 20 minutes to create their models.
  Allow students to present models to other student groups, then work on outlines.
  The written outlines should be due the following day.
  If desired, ask students to videotape their model or use a digital camera to take still frames and place in a power point on high speed.

Bibliography
Lesson Design by Jordan School District Teachers and Staff.

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