Instructor: (2003 Science Teacher Workshop participant)
School District: St. Frances Cabrini School, Diocese of Metuchen
Lesson Title: Timeline and Radiation
Grades: 7, 8
Subjects: Life Science, Physical Science
Overview: Students will create a radiation time line of the last 100+ years
Objectives:
• Student will research one topic from radiation history
• Student will present radiation topic to the class
• Student will take notes for who, what, when, where and why from each presentation
• Students will divide into decades and create wall hanging timeline (part into whole)
• 5.1, 5.2, 5.10
Materials and Resources:
• Internet access, color printer
• Construction paper
• Roll of bulletin board paper
• Masking tape, glue, scissors
Teacher Chosen Topics from Grab Bag (1 for each student):
• Becquerel
• Lt. General Leslie R. Groves
• Tolerance dose
• Atomic Energy Commission
• A. Mueller
• Enrico Fermi
• Genetic mutation
• Albert Einstein
• Curie
• Otto Hahn
• Manhattan Projection
• Fritz Strassmann
• BEIR I
• Atomic Energy Act
• NJ DEP
• Nuclear Regulatory Commission
• DEP
• Department of Energy
• Maximum permissible exposure
• US National Bureau of Standards
• National Academy of Sciences
• National Commission on Radiation Protection (NCRP)