

No name, no picture!!

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)