



Instructor: Margaret Morales (2003 Science Teacher Workshop participant)

School District: Rahway

Lesson Title: Radiation Is All Around Us!

Grades: 4, 5

Overview: Introduce “What is Radiation?”

Objectives: Students will identify sources of radiation in the world around them.

Material and Resources:

- The atoms family book-from the American nuclear society
- Fact sheet#1 WHAT IS RADIATION?,
- Fact sheet #3 WHAT ARE SOURCES OF IONIZING RADIATION?,
- glue,
- markers
- magazine clippings
- clip art
- poster paper,
- writing paper
- pencils

Reading: Teacher and students will read excerpts from fact sheets and explain what radiation is and its sources.

Listening: Teacher will speak into audiotape for students to listen to at listening center about radiation.

Writing: Students will work in cooperative groups to research how radiation is all around us. Students may use computer, fact sheet, or any other available resources. Students will use magazines or clip art to obtain pictures of radiation in our world in order to develop a mural. The students will write about their pictures.

Speaking: Students will present their information to the class, and groups will have an opportunity to ask questions.

Viewing: Students will view and review each other’s work. Student work will be displayed on the bulletin boards.

Evaluation: Teacher observations, group work, writing activities, presentations, and mural.