



Instructor: Freda Marie Lucas (2003 Science Teacher Workshop participant)

School District: Diocese of Metuchen, St. Helena School, Edison

Lesson Title: Radiation, Should I Be Afraid?

Grades: 3,4

Subjects: Science, Language Arts, Math

Overview: Radiation is the movement of energetic particles or waves through space. It is part of our daily lives because it is all around us. Some radioactive materials occur naturally and some are man-made.

Objectives: To become aware of forms of radiation and to use vocabulary and concepts to create a story book.

Materials: Poster board or construction paper, pencils, crayons or markers.

Procedure:

- Discuss student's idea of radiation.
- Create a story web of concepts: cosmic rays, terrestrial, internal, nuclear medicine.
- Form groups of four students.
- Permit children to select a concept, illustrate, and write three facts.
- Allow time for peer conference
- Include table of contents and glossary.
- Add a cover, choose a title.

Additional activity: construct a bar graph or a pictograph of elements included in story book.