

Connecting Liz Rice Presentations to ELEMENTARY SCHOOL CURRICULUM

Science & Technology (2007) – Grades 1-8

Grade 1 - Life Systems - Expectations #3.1, 3.4, 3.5:

“Dangers of Plastic” Presentation with the focus being on marine animals; how plastics in their environment harm them and what students can do in terms of proper garbage disposal and using reuseable bottles & bags instead of the disposable plastic ones.

[Interactivity: reuseable bottles & bags props, game with stuff animals, and marine wildlife puzzles.]

Grade 1 – Structures and Materials - Expectations #1.1, 1.2, 3.5, 3.9:

“Recycling” Presentation with the focus being on the ways students can reduce and reuse.

Demonstration of how different materials should be sorted for recycling.

[Interactivity: students each examine a prop and with a classmate decide if it’s reuseable, recyclable, or garbage.]

Grade 2– Water in the Environment - Expectations #1.2, 3.3, 3.4, 3.6:

“Water Wise” Presentation with the focus being that there’s a limited amount of water in the world and conservation steps they can take.

[Handout is provided so that kids can take a ‘family water audit’ at home.]

Grade 5 – Conservation of Energy and Resources - Expectations #1.1, 3.2:

“Green Energy” Presentation compares renewable and non-renewable energy; with the focus being on the typical or ideal conditions for each. [Many video clips are shown so students can see how the energy sources work and where the resources come from].

Grade 6 – Electricity and Electrical Devices - Expectations #1.1, 1.2:

“Green Energy&Conservation” Presentation compares renewable and non-renewable energy; with the focus being on the typical or ideal conditions for each. [Many video clips are shown so students can see how the energy sources work and where the resources come from].

Grade 7– Pure Substances and Mixtures - Expectation #1.1:

“Recycling” Presentation

Grade 7 – Heat in the Environment - Expectation #1.1, 1.2:

“Green Energy&Conservation” Presentation

Grade 8 – Heat in the Environment - Expectation #3.1, 3.3:

“Water Wise” Presentation