



Comic by Bill Watterson

Overview: It's the year 2094 and earth's resources are depleted and nearly all the water is polluted. A new planet, planet Zorcon, has been discovered that has plenty of resources and is completely pollution-free. As a class we are going to take four trips to Zorcon to see if we can learn how to better manage our resources.

Essential Questions: Are the clothes you wear, the food you eat, and the resources you use from transportation renewable or nonrenewable?

Terms:

Renewable resources	Natural resources that can be replaced by human efforts
Nonrenewable resources	Limited natural resources that cannot be replaced or reproduced
Nonexhaustible resources	Natural resources that can last forever regardless of human activity. This does not mean that they are not limited.

Checklist:

- ___ Record input for planet Zorcon on the right side of your journal
- ___ Record output on the left side by providing examples of each of the terms
- ___ Participate in 4 trips to planet Zorcon.

Overview: A food scientist is responsible for developing new food products through various food processing methods. They develop new foods based upon dietary needs, consumer ages, etc. Have you ever heard of Go-gurts or Uncrustables? These were developed by food scientists.

Essential question: What are 5 scientific improvements that have been made to our food and its production?

Checklist:

- ___ Record input on the right side of your journal
- ___ Take the Where Does it Grow quiz
- ___ With one other person, or by yourself, Use the "Science In Your Shopping Cart" booklet to record 5 scientific improvements made to our food. Record these in your output on the left side of your journal.
- ___ If time, go to Ms. Emily's blog and watch how almonds and pineapple are made.
- ___ Use any spare time finishing off any unfinished outputs from previous lessons.