

Lesson 3: Earth

NO: 3 OF 4

WHAT WE HAVE IN COMMON - OUR HOME

ABOUT THE EARTH

- Formed over 4.5 billion years ago - now that's old!
- 1 of 8 planets in our solar system
- Earth provides water and the sun gives enough heat to support a diverse ecology of species
- We have a responsibility to take care of this beautiful place we call home - both today and for our future generations

ECOLOGICAL INTEGRITY



AIR, SOIL & WATER POLLUTION

- Everything is connected, water, soil, air and all the plants and animals we share the earth with
- Pollution is causing mass impacts to mother earth's plants, animals and people - thousands of species are becoming extinct every year

SUPPORT RESTORATION

- Participate in a shoreline clean-up!
- Apply for a grant to rehabilitate a natural area in your community
- Join the global tree planting trend

LAYERS OF THE EARTH

1. Crust - where we live
2. Upper Mantle
3. Mantle
4. Outer Core
5. Inner Core - hot like the sun!

PREVENT CONTAMINATION

- **REDUCE, REUSE, RECYCLE**
- Understand your local waste management system, and teach others how to use it properly
- Be food-conscious, avoid foods with chemical additives and lots of disposable packaging
- Chose eco conscious travel - walk, bike or train!
- Buy local - cut down the carbon footprint of your purchases