



Think Earth 2016/17

Kindergarten

Topic: Respecting Mother Earth

Lesson Plan

Learning Objectives
Students will become acquainted with Recycling & Conservation and why we should take care of our earth, together as a community.

Utah Core Objectives

1. **Kindergarten:**
Language Arts, Speaking & Listening Stand. 6
2. **Kindergarten:**
Math, Counting & Cardinality

Time

30-40 minutes

Materials Needed:

- Bag of recyclables
- Earth Puzzle
- Think Earth DVD
- DVD player

Spare time activities:

- Books
- Other side of puzzle

Handouts:

- Recycle Utah tri-fold

1. Introduction – Recycle Utah. Where is that? What happens there? (Show recycling samples). How many people recycle at home? Do you think it's important? Mention NO Glass & plastic bags. (5 minutes)

2. Do the Earth Puzzle (1-24 pieces) then talk about Mother Earth and the students' relationship to her. Help students with the numbered pieces. Once the puzzle is completed - Look – our Earth! Review the puzzle and our connections: water, food, energy, air, and natural vs. built environments, include trees. (10-15 min)

3. Show movie “Think Earth” (10 minutes)
Stop the movie a few times with questions (see below)

4. Re-cap – ask them for some of their ideas of what they could start doing for Mother Earth that they're not doing now/three things they learned today (3 minutes)

5. End with World beach ball Toss, if time (3 minutes)

Key Concepts:

- a. Community – would the puzzle have come together without a group effort? What if some children would have kept their tiles? We needed to communicate and respect each other.
- b. Respect our Earth – the puzzle emphasizes human needs: water, food, oxygen and energy. Give examples with an emphasis on trees. What we do and how we treat this special planet we live on really really matters. Earth Is our home which we need to treat with respect.

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**Recycle Utah, 1951 Woodbine Way / PO Box 682998,
Park City, UT 84068.PH: 435.649.9698. Recycling
drop open 24/7. Visit us at www.recycleutah.org**

C. Show and discuss the *Think Earth* video

- Tell students they are going to watch a video about how people live in the environment and about what can happen to the environment. Explain that you will be stopping the video now and then so that they can talk about what they have seen.

Section 1 Pause the video when Birdy looks pleased after the man bites and chews the apple.	
1. What things did you see that are part of the natural environment?	<i>sun, clouds, river, trees, lake, bear, fish, bird, bushes, flowers</i>
2. What were the trees used for?	<i>Birds built nests in trees. Animals and people ate from the tree and sat in the shade of the tree.</i>
3. What was the water in the lake used for?	<i>Animals and people drank the water in the lake and ate fish that lived in the lake. The water was used to grow plants for people to eat.</i>
4. What do you think will happen next?	<i>Answers will vary.</i>

Section 2 Pause the video when the log truck starts to drive through the city.	
1. Why did the man chop down a tree?	<i>He used the tree to build a house. And he burned wood from the tree to stay warm.</i>
2. What did the people do with the water in the lake?	<i>They piped it into their homes to use it for drinking, cooking, and cleaning.</i>
3. Where do you think the truck with the logs is going?	<i>Answers will vary.</i>

Section 3 Pause the video when the trash truck arrives at the landfill.	
1. What can we make from trees?	<i>We can make paper from trees, and the paper is used to make many things—newspapers, writing paper, cups, tissues, boxes, paper towels.</i>
2. What happened to the trees and to the lake when there were more and more people?	<i>More and more trees had to be cut down, and more and more water was taken out of the lake.</i>
3. What happened when there were so many people using so many things made out of trees?	<i>They had to cut down almost all of the trees, and trash was lying all around.</i>
4. What do you think will happen next?	<i>Answers will vary.</i>

Section 4 Let the video play to the end.	
1. Why do you think the Earth sneezed?	<i>People weren't taking care of the Earth. They were using too many things and making a lot of trash.</i>
2. What did the people do after the sneeze?	<i>They stopped making so much trash and throwing it in the street. They saved energy by turning off televisions, lights, and heaters when they weren't being used. They saved water by using only what they really needed. They recycled things. They planted new trees.</i>
3. What happened to the environment?	<i>It became nice again. The trees grew back. There was water in the lakes. The air was cleaner. There was no trash on the ground.</i>
4. Why do you think this video is called <i>Think Earth</i> ?	<i>We should think about the Earth and take care of it to keep it nice.</i>

VOCABULARY

- **aluminum** – a light metal used to make cans, pots and pans, lawn furniture, and other products
- **energy** – makes things work or go
- **fossil fuels** – sources of energy (coal, oil, natural gas) that formed in the earth from the remains of prehistoric plants and animals
- **landfill** – open land where trash is buried
- **metal ore** – rocks that contain minerals used to make aluminum, steel, and other metals
- **natural resources** – things in nature, such as trees and water, that we use to make products and to live
- **non-renewable** – cannot be replaced once it is gone
- **renewable** – replaced by growth or never used up
- **valuable** – something important or worth a lot

SONG:

(to the tune of “*Twinkle, Twinkle Little Star*”)

Think Earth, Think Earth
Is our song
Everyone should sing along

Don't waste paper,
Save a tree.
It is good for you and me.

Think Earth, Think Earth
Is our song.
Everyone should sing along