

HOME WORKSHEET

(An English language learning exercise based on the *Earth from Above* by Yann Arthus-Bertrand)

Watch the movie HOME (1:08 – 1:33) and fill in the blanks below. Ten have been done for you.

Ecological Phenomena	Facts and Figures
1. How many per cent of world's population live on coastal plains?	70%
2. Of the 15 largest cities in the world, how many stand on a coastline or river estuary?	_____
3. As the sea level rises, what will happen to these people and to their drinking water sources?	They will have to migrate inland. S_____ will invade their water table.
4. How much of the snow of Mt. Kilimanjaro has disappeared?	80%
5. The Himalayan glaciers are the sources of all the great rivers of Asia. They are hit by global warming and are receding. There will be a water crisis for the Asian peoples.	They are the Indus, Ganges, Mekong, Yangtze River and Yellow River.
6. How many people depend on these rivers for water and irrigating crops?	_____ billion
7. In what ways will Bangladesh, one of the poorest and most populous countries in the world, be affected by global warming?	Dramatic flooding and h_____ Disappearance of one-third of the land mass
8. Why is the permafrost in Siberia regarded as a climatic time bomb?	Release of the methane gas
9. How powerful is methane compared with carbon dioxide as a greenhouse gas?	_____ times more powerful
10. How many years does humanity have to reverse the trend of ecological crisis?	_____ years
11. How many per cent of the world's population consume 80% of the world's resources?	20%
12. How much more money is spent on military expenditures than on aid to developing countries?	_____ times
13. How many people die every day because of dirty drinking water?	5,000
14. How many people of the world have no access to safe drinking water?	Nearly _____ billion
15. How much of the grain traded around the world is for animal feed or biofuels?	_____ %
16. Every year, how many hectares of forest disappear?	_____ million
17. Three quarters of the fishing grounds are exhausted, depleted or in dangerous decline.	1 mammal in 4; 1 bird in 8; 1 amphibian in 3 are threatened with e_____.
18. How many times faster are the animals dying today than the natural rate?	1,000 times
19. How many climate refugees will there be by 2050?	At least _____ million
20. The average temperature of the last 15 years have been highest ever recorded. How much thinner is the ice cap than 40 years ago?	_____ %

Questions and Short Answers:

- What kinds of renewable energy are mentioned in the movie? S_____, w_____, g_____, tidal energy
- What have these countries done for their people and their environment? In Bangladash, one man, Mohammad Yunus, thought the unthinkable and founded a bank, the Grameen Bank that lends only to the poor. In 30 years, it has changed the lives of _____ million people. He won the Nobel Prize in 2006.
 - South Korea's national reforestation program covering _____% of the country, recycles _____% of paper
 - Costa Rica chose land conservation over military spending. It no longer has an _____.
 - Germany set up the first ever eco-friendly district for _____ people in Freiburg.
 - Denmark produced a proto-type of a coal-fired plant that releases _____ into the soil rather than the air.
 - US, China, Germany, and Spain are the biggest investors in r_____ e_____.
- Which example of efforts they made on environmental issues impress you the most? Why?
- What can Hong Kong people do to fight the ecological crisis?

Follow-up Task: Read the "Ecological Crisis, A Common Responsibility" by Pope John Paul II (1990) at <http://conservation.catholic.org/ecologicalcrisis.htm> and write a 2-page personal response to it.

Watch the movie HOME (1:08 – 1:33) and fill in the 20 blanks below. Ten have been done for you.

Ecological Phenomena	Facts and Figures
1. How many per cent of world's population live on coastal plains?	70%
2. Of the 15 largest cities in the world, how many stand on a coastline or river estuary?	11
3. As the sea level rises, what will happen to these people and to their drinking water sources?	They will have to migrate inland. Salt will invade their water table.
4. How much of the snow of Mt. Kilimanjaro has disappeared?	80%
5. The Himalayan glaciers are the sources of all the great rivers of Asia. They are hit by global warming and are receding. There will be a water crisis for the Asian peoples.	They are the Indus, Ganges, Mekong, Yangtze River and Yellow River.
6. How many people depend on these rivers for water and irrigating crops?	2 billion
7. In what ways will Bangladesh, one of the poorest and most populous countries in the world, be affected by global warming?	Dramatic flooding and hurricanes , Disappearance of one-third of the land mass
8. Why is the permafrost in Siberia regarded as a climatic time bomb?	Release of the methane gas
9. How powerful is methane compared with carbon dioxide as a greenhouse gas?	20 times more powerful
10. How many years does humanity have to reverse the trend of ecological crisis?	10 years
11. How many per cent of the world's population consume 80% of the world's resources?	20%
12. How much more money is spent on military expenditures than on aid to developing countries?	12 times
13. How many people die every day because of dirty drinking water?	5,000
14. How many people of the world have no access to safe drinking water?	Nearly 1 billion
15. How much of the grain traded around the world is for animal feed or biofuels?	50%
16. Every year, how many hectares of forest disappear?	13 million
17. Three quarters of the fishing grounds are exhausted, depleted or in dangerous decline.	1 mammal in 4; 1 bird in 8; 1 amphibian in 3 are threatened with extinction .
18. How many times faster are the animals dying today than the natural rate?	1,000 times
19. How many climate refugees will there be by 2050?	At least 200 million
20. The average temperature of the last 15 years have been highest ever recorded. How much thinner is the ice cap than 40 years ago?	40%

Questions and Short Answers:

1. What kinds of renewable energy are mentioned in the movie? **Solar, wind, geothermal**, tidal
 2. What have these countries done for their people and their environment? In Bangladesh, one man, Mohammad Yunus, thought the unthinkable and founded a bank, the Grameen Bank that lends only to the poor. In 30 years, it has changed the lives of **150** million people.
 - South Korea's national reforestation program covering **65%** of the country, recycles **75%** of paper
 - Costa Rica chose land conservation over military spending. It no longer has an **army**.
 - Germany set up the first ever eco-friendly district for **5,000** people in Freiburg.
 - Denmark produced a proto-type of a coal-fired plant that releases **carbon** into the soil rather than the air.
 - US, China, Germany, and Spain are the biggest investors in **renewable energy**.
 3. Which example of efforts they made on environmental issues impress you the most? Why?
 4. What can Hong Kong people do to save the earth? **Be responsible consumers and fair traders**
- Follow-up Task:** Read the "Ecological Crisis, A Common Responsibility" by Pope John Paul II (1990) at <http://conservation.catholic.org/ecologicalcrisis.htm> and write a 2-page personal response to it.