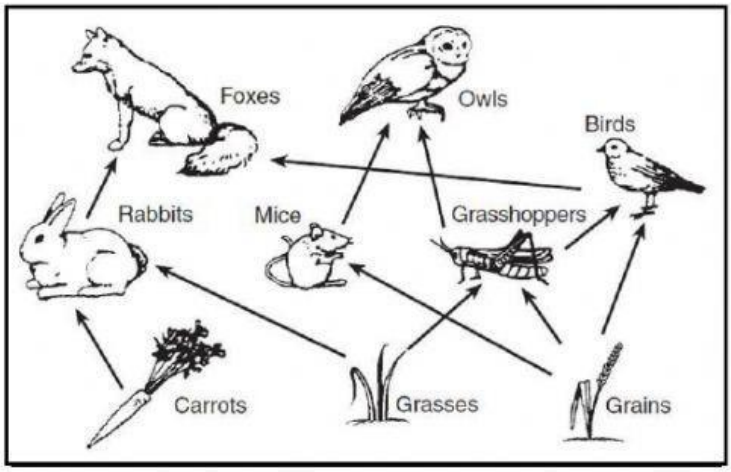
Worksheet Science

Name ……..……..…..

Class ……

No ……..……

Part A: based on the food-web provided below answer the questions 1-5.



1 Based on this food web, _____ are producer.

A. rabbits B. grasshoppers C. carrots D. birds

2 Based on this food web, _____ are primary consumer.

A. foxes B. mice C. grains D. owls

3 Based on this food web, _____ are tertiary consumer.

A. grasshoppers B. birds C. owls D. foxes

4 Based on this food web, owls are the predator of the _____.

A. grasses B. grasshopper C. Mice D. B and C

5 Based on this food web, grasshoppers are the prey of the _____

A. birds B. rabbits C. mice D. grasses

LIVEWORKSHEETS

Part B: there are 7 types of pollution being provide in the box below. Study the box carefully and write the cause of pollution for each questions from 6-10.

A) ecologically harmful	**C)** spilling	**E)** hazardous waste	**G)** seepage
B) sewage treatment	**D)** dumping	**F)** solid waste	

6 "A big boat carrying oil has an accident in the ocean. The boat sinks to the bottom of the ocean, and the oil spills out into the water. Many fish and other organisms die" _____

7 "The people of small village have no way to treat their human waste. They burry it in the ground, where it pollutes the soil and ground water. Soon , the people of the village become sick from their drinking water" _____

8 "Teenagers walking through a park, throwing their garbage onto the ground" _____

9 "A big farm sprays all of its crops with chemical pesticides, to kill weeds and insects. The people who buy the crops sell it in the market. The people who buy the crops get quite sick" _____

10 "Chemicals from a garbage heap go through the soil, into the ground water, and into a small river. Many fish, plants, and insects die from the chemicals" _____

Part C: choose the correct answer!

11 CFCs destroy another gasses, called _____.

A. greenhouse gases B. ozone C. ultra violet (UV) D. methane

12 A dirty, dangerous brown cloud that hangs over cities!

A. smoke B. smog C. A and B D. none of above

13 Car exhaust contains _____, which is a very poisonous gas.

A. carbon monoxide B. carbon dioxide C. sulphur dioxide D. methane

14 Ozone protects the earth from _____.

A. land pollution B. air Pollution C. greenhouse effects D. UV ray

15 Which gas is used in refrigerators, air conditioners, and aerosol (spray) cans?

A. greenhouse gases B. ozone C. carbon monoxide D. CFCs

16 Which gas can make smog?

A. nitrogen oxides B. carbon dioxide C. sulphur dioxide D. A and C

LIVEWORKSHEETS

Read the passage and answer the questions on the answer-sheet.

Global warming

Sunlight brings energy to the Earth. This light turns to heat when it hits the ground. The heat in turn seeps away from the Earth. But the atmosphere shows the heat's escape. The atmosphere is a layer of air around the planet. It holds in some of the warmth.

The atmosphere is a mixture of many gases. In the last 250 years, this mixture has been changing. The amounts of gases such as methane and carbon dioxide have been rising. These gases trap heat more effectively than other gases. They make the earth's atmosphere act like the glass in a greenhouse. It lets sunlight in, but it doesn't let heat out as a result, heat is building up close to the surface.

People are changing the atmosphere. The changes started hundreds of years ago when people began cutting down forests and burning the woods. Today, the air contains almost one-third more carbon dioxide than it did in 1750. The amount of methane has doubled. Global warming could melt the ice at the poles. This would raise the level of the oceans.

In 1997, officials from 160 countries met in Kyoto, Japan. They wrote an agreement called the Kyoto Protocol. Countries that sign this agreement promise to burn 5 percent less fossil fuel (coal, oil, and natural gas) by 2012. In 2002, however, the United States decided not to sign the treaty. Russia and Australia also have not signed the treaty.

Part D: True or False (Questions 17-21)

		True	False
17	The atmosphere is a layer of air around the plant.		
18	The atmosphere is the mixture of only one gas called carbon dioxide.		
19	In 1997, officials from 160 countries met in Osaka, Japan.		
20	All of the countries signed the official agreement.		
21	The United states and Russia have not signed the treaty.		

Part E: Short Answer (Questions 23-26) (type in lowercase)

23 Changing atmosphere started hundreds of years ago when people began cutting down _____ and burning the _____.

24 Today, the air contains almost _____ more carbon dioxide that it did in 1750. Also the amount of _____ has doubled.

25 Global warming could melt the ice at the _____ and raise the level of the _____.

26 What is the name of the agreement in Kyoto, Japan?

LIVEWORKSHEETS