Earth Day

Resource Pack

Earth

Recycle

Protect

Nature

Rubbish

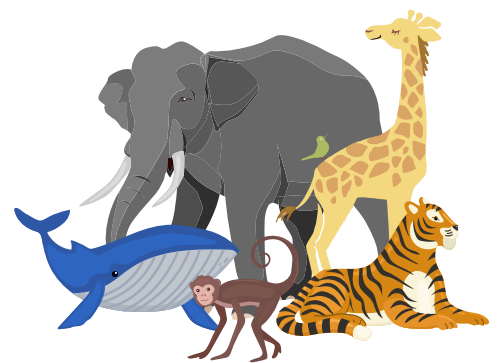# Plant

Clean

Garden

Animals

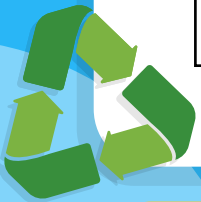# Happy Earth Day

Name: Date:

Word Search!

E	A	R	T	H	P	O	P	F
S	I	E	E	C	U	P	L	O
O	R	C	R	N	C	L	A	R
L	A	Y	E	U	E	H	N	E
A	N	C	U	R	W	R	T	S
R	D	L	S	O	I	E	G	T
G	R	E	E	N	N	U	D	Y
C	L	E	A	N	D	S	R	D
P	R	U	B	B	I	S	H	W

EARTH   RUBBISH   CLEAN

RECYCLE   AIR   SOLAR

GREEN   ENERGY   PLANT

FOREST   REUSE   WIND

Earth Day Sorting Activity

Recycle, Compost, or Trash. Drag and drop the provided items and then add more of your own!

Bad for Earth	Good for Earth

Plastic bottles

Banana peel

Cardboard

Milk cartons

Magazines

Vegetable scraps

Fizzy drink can

Plastic bags

Newspaper

Apple cores

Plastic straws

REDUCE

OFF

kamiapp.com/library
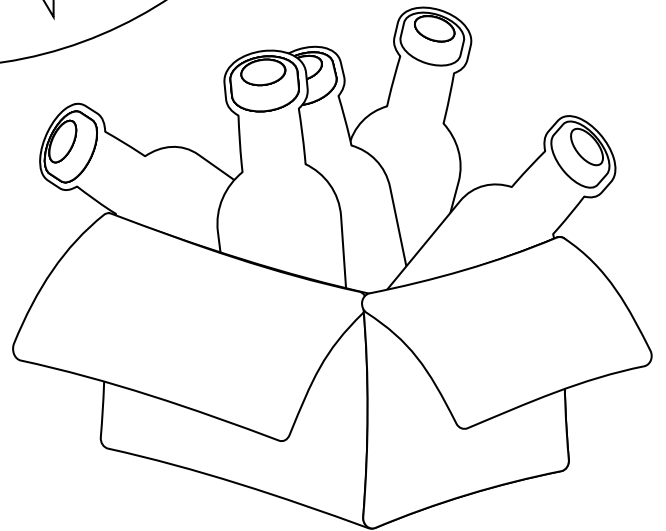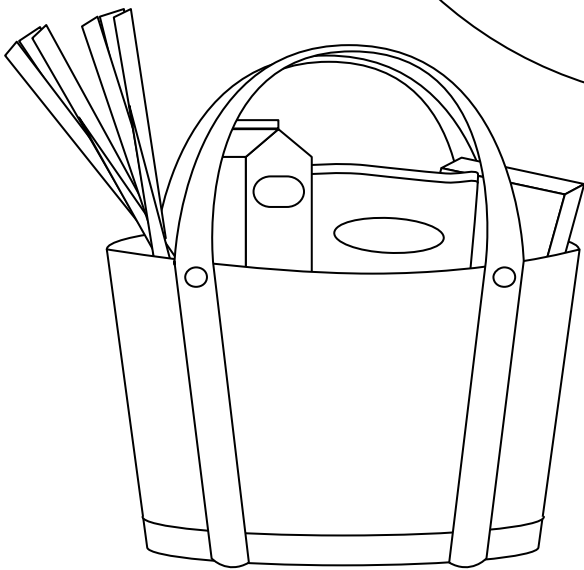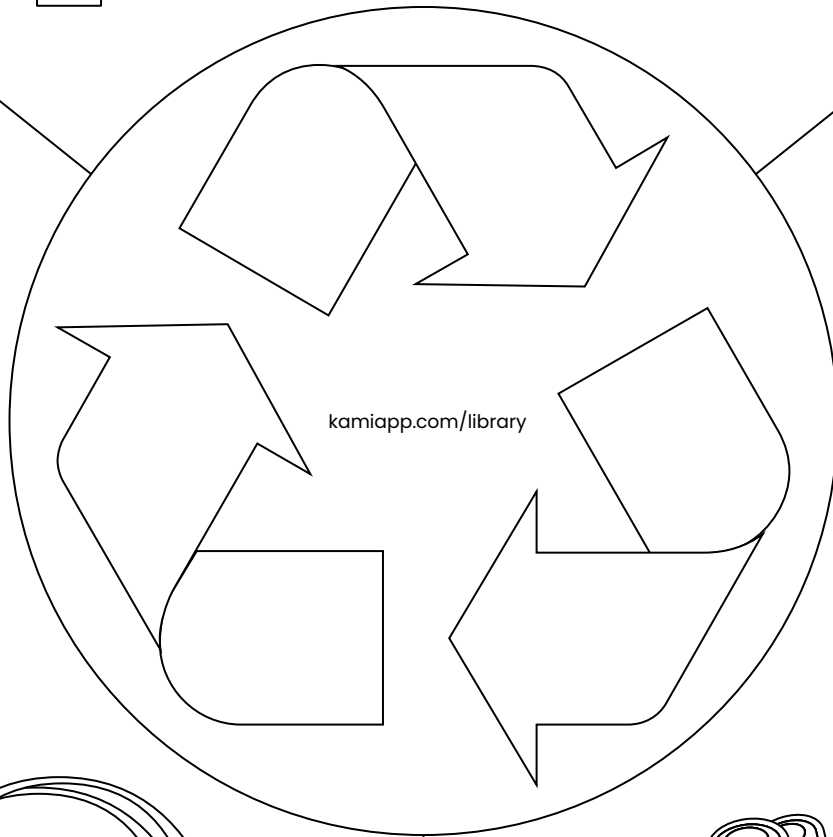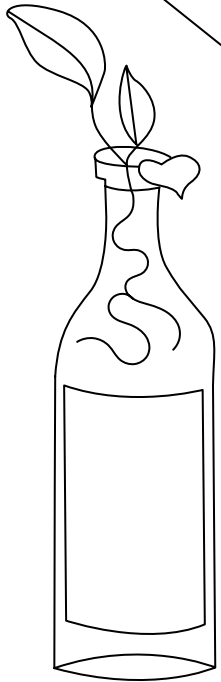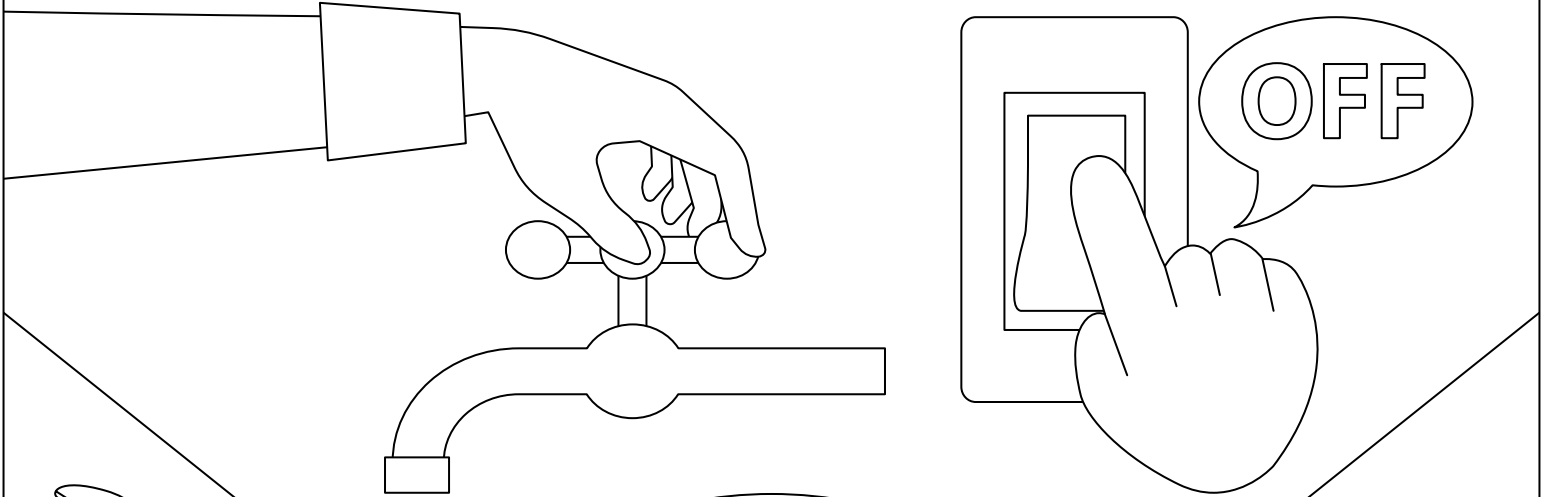
REUSE

RECYCLE

Earth Day Report

What is Earth Day and what is the history behind it?

_____

_____

_____

_____

_____

What is this year's theme and focus?

_____

_____

_____

_____

_____

What are the biggest environment problems our planet faces today?

_____

_____

_____

_____

_____

_____

How can you get involved in making a difference for the Earth?

_____

_____

_____

_____

_____

_____

Use the Add Media tool 🖼 **to insert a Youtube video about Earth Day. Summarise the key points of this video.**

_____

_____

_____

_____

_____

_____

_____

_____

Happy Earth Day

04.22.2024
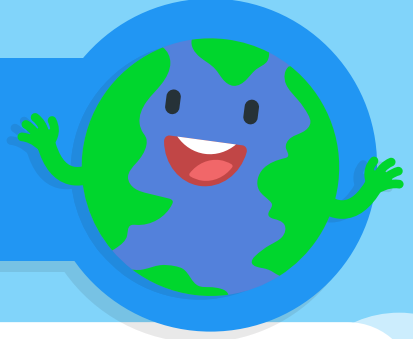
recycle   tap   vegetables   walk

plant   Earth   heal   bike

1. The _____ needs us.

2. We need to _____ the earth.

3. I can _____ a tree.

4. I can _____ my rubbish.

5. I can ride my _____.

6. I can _____ to school.

7. I can turn the _____ off tightly.

8. I can grow some _____.

Draw a picture of you helping to heal the Earth

Earth Day Headband

You will need:
- Colouring pens
- Scissors
- Tape or glue
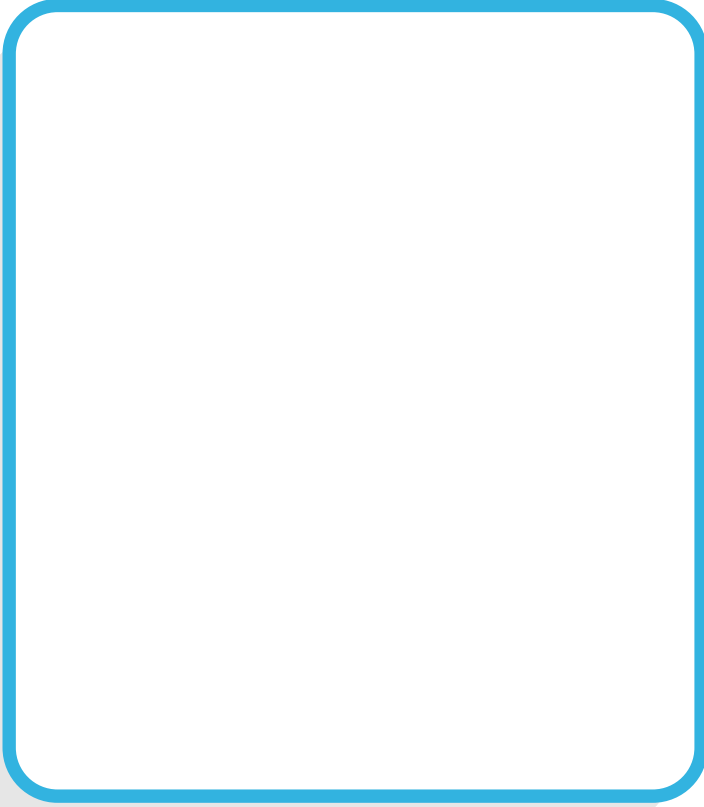
Instructions:
1. Colour the design as desired.
2. Cut out the template.
3. Overlap the edges of the base and tape together to complete the headband. Adjust accordingly.
4. If needed, use the second rectangle to extend the length of the headband.

I LOVE EARTH
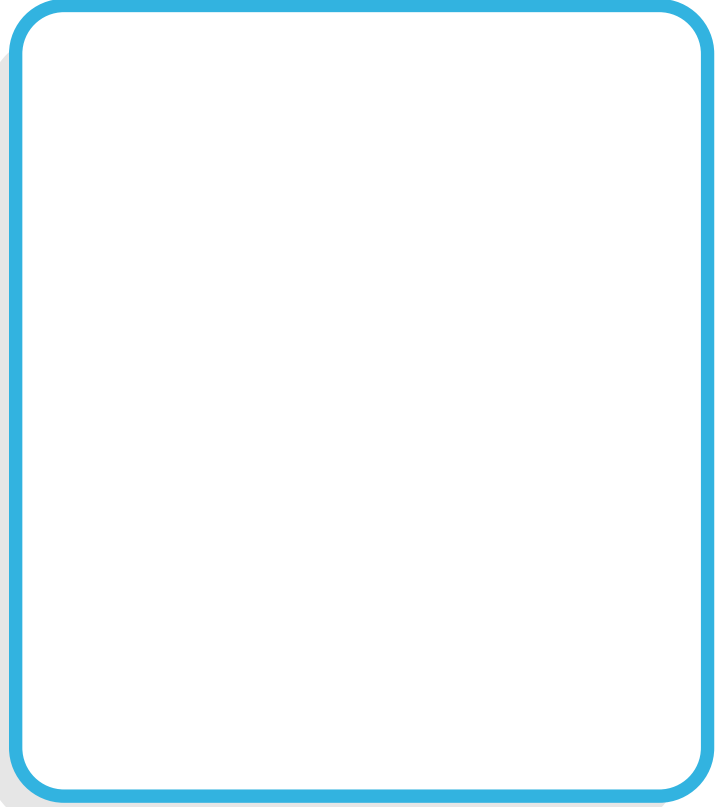
Endangered Species

Choose an animal, research why it's in danger, discover how people are helping, and design a way to spread awareness.
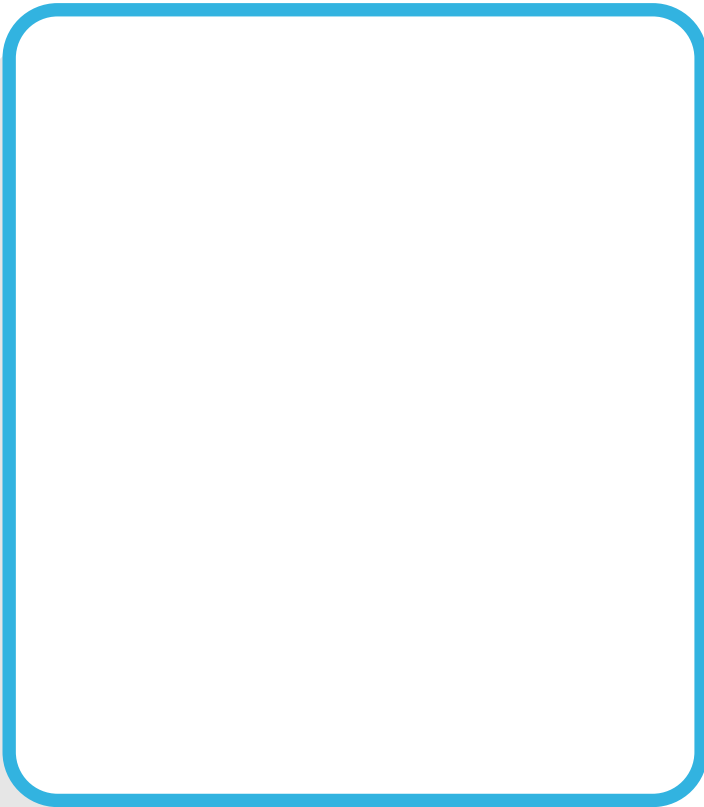
Chosen Animal:
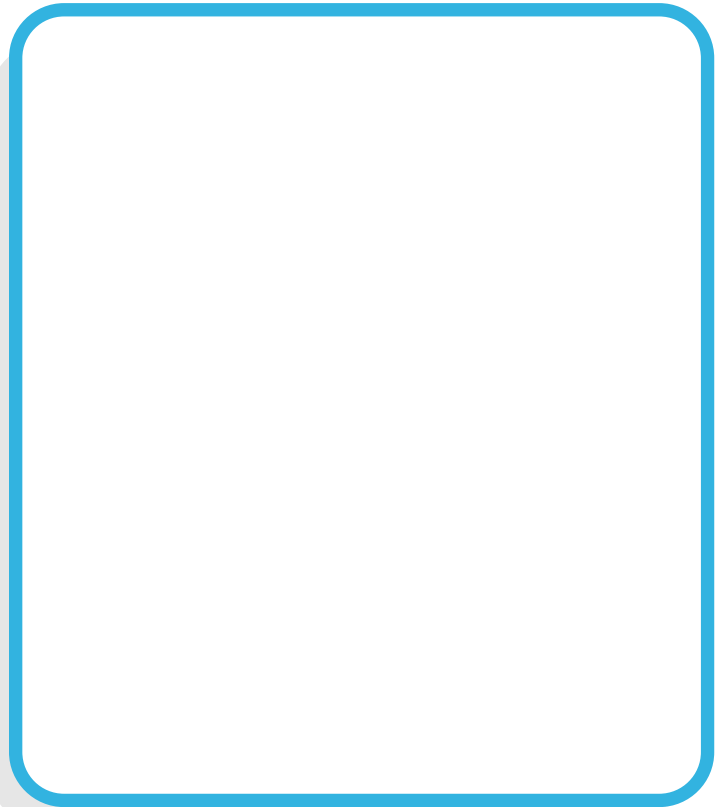
Habitat:

Diet:
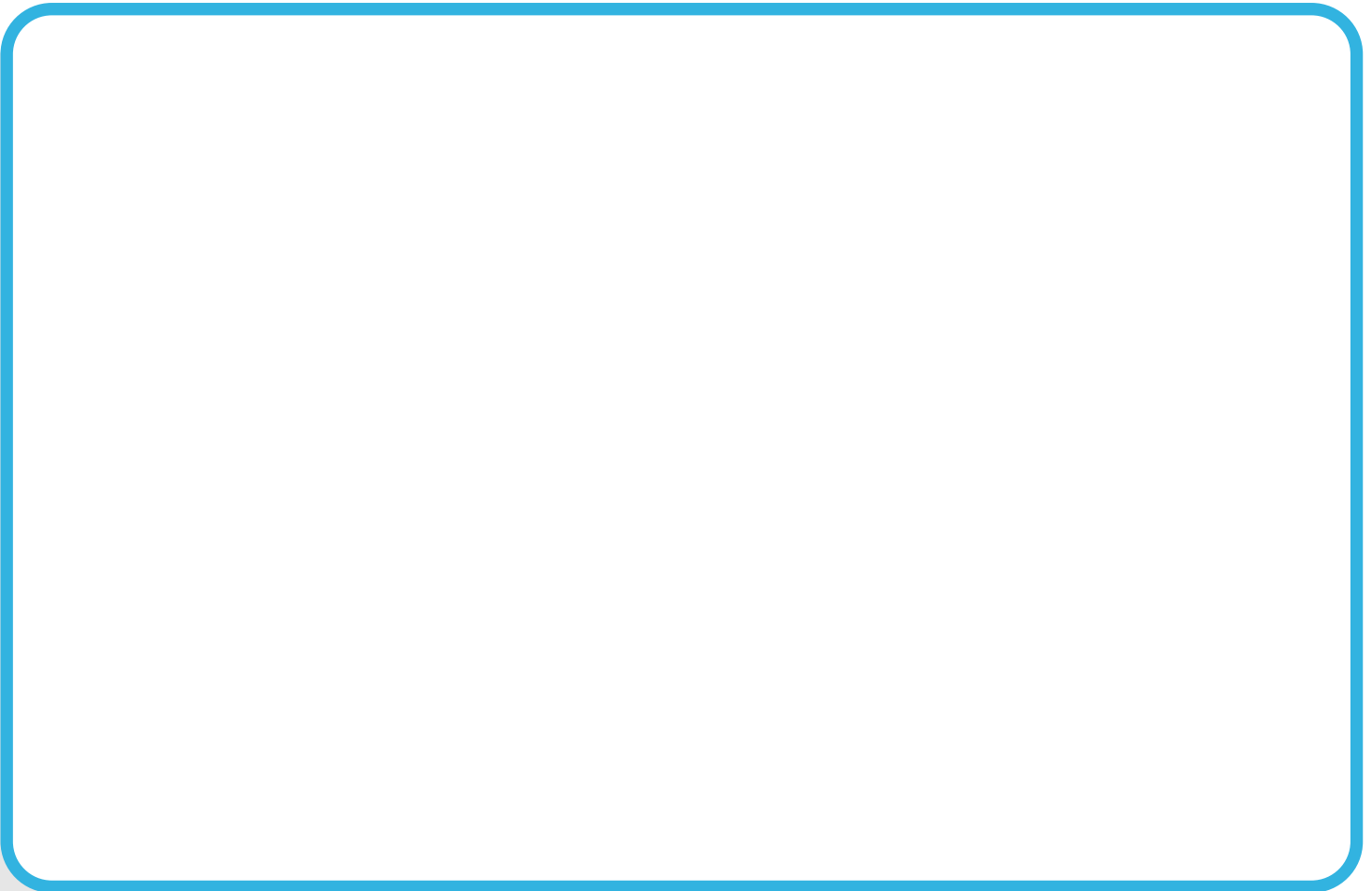
Appearance:

Why is it endangered:

What is being done to save this animal?

Design a plan to spread awareness:

The Food Web

1) Connect the animals in the food web with arrows to show who eats whom.

2) In the right column, provide a clear and concise explanation or description for each label.

Label	Explanation
1. Producer	
2. Primary Consumer	
3. Secondary Consumer	
4. Tertiary Consumer	
5. Decomposer	
6. Predator-Prey Relationship	
7. Trophic Level	
8. Energy Flow	
9. Human Impact	

The Life of a Tree

Trees are an important part of our planet. They provide oxygen for us to breathe, give us shade, and create homes for many animals. Trees also have a life cycle. In the spring, the tree starts to grow new leaves. The leaves are small and bright green. The tree is very busy in the spring, as it tries to make as many leaves as possible. In the summer, the leaves grow bigger and the tree makes food from the sun. This food is called glucose, and it helps the tree grow even more leaves. In the autumn, the leaves change colour and fall off the tree. This is because the tree doesn't need the leaves anymore. The leaves turn colours like yellow, orange, and red. Some trees even have purple leaves! Finally, in the winter, the tree rests and prepares for the next year. The tree is bare and looks dead, but it is really just resting. Some trees can live for hundreds of years!

1. What are some things that trees provide for us?

_____

_____

_____

2. What happens to a tree in the spring?

_____

_____

_____

3. What is the colour of the leaves in the spring?

_____

_____

_____

4. What does the tree do in the summer?

_____

_____

_____

5. Why do the leaves fall off the tree in the autumn?

_____

_____

_____

6. What are some of the colours that leaves turn in the autumn?

_____

_____

_____

7. What does the tree do in the winter?

_____

_____

_____

8. Can trees live for hundreds of years?

_____

_____

_____

Food Web Assessment

Answer all questions to the best of your ability. Use diagrams or short explanations when necessary.

1: Multiple Choice (1 point each)

Which of the following is an example of a primary consumer?
a) Hawk
b) Grasshopper
c) Snake
d) Mushroom

The ultimate source of energy in most food webs is:
a) Producers
b) Detritivores
c) The sun
d) Top predators

A decrease in the population of a secondary consumer would likely lead to:
a) An increase in primary consumer populations
b) A decrease in producer populations
c) An increase in top predator populations
d) No change in other populations

2: Fill in the Blanks (2 points each)

Organisms that break down dead organic matter are known as

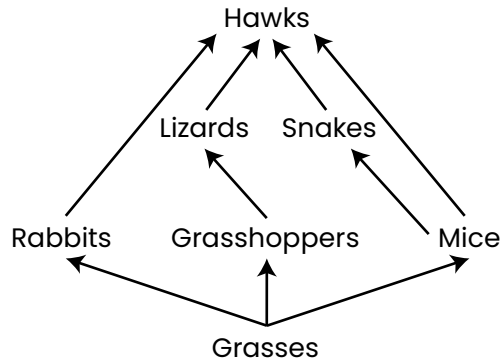_____.

The transfer of energy from one trophic level to the next is often represented by a

_____.

A complex network of interconnected food chains within an ecosystem is called a

_____.

3: Diagram Analysis (5 points)

```
                        Hawks

                Lizards    Snakes

        Rabbits    Grasshoppers    Mice

                    Grasses
```

Identify the following in the food web:

One producer _____

One herbivore _____

One tertiary consumer _____

If the population of the producer increases significantly, describe the potential impact on two other organisms in the food web.

```
┌─────────────────────────────────────────────────────────┐
│                                                         │
│                                                         │
│                                                         │
│                                                         │
│                                                         │
└─────────────────────────────────────────────────────────┘
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4: Short Answer (4 points each)

Explain the concept of biomagnification. Provide an example of how this process might affect organisms in a food web.

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┌─────────────────────────────────────────────────────────┐
│                                                         │
│                                                         │
│                                                         │
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└─────────────────────────────────────────────────────────┘
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Discuss the differences between a food chain and a food web. Explain why a food web provides a more realistic representation of energy flow in an ecosystem.

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┌─────────────────────────────────────────────────────────┐
│                                                         │
│                                                         │
│                                                         │
│                                                         │
└─────────────────────────────────────────────────────────┘
```

Earth Day Vocabulary Sheet

WORDS:	DEFINITION:	EXAMPLE:
Earth		
Reuse		
Land		
Air		
Recycle		

kami

Earth Day Vocabulary Sheet

WORDS:	DEFINITION:	EXAMPLE:
Pollution		
Paper		
Reduce		
Energy		
Oxygen		

kami

Earth Day Vocabulary Sheet

WORDS:	DEFINITION:	EXAMPLE:
Habitat		
Oceans		
Fossil Fuels		
Tree		
Environment		

kami

The Food Web Knowledge Check
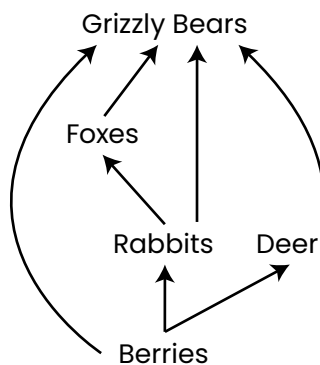
Which of the following is NOT a primary consumer?
  A. Grasshopper
  B. Squirrel
  C. Lion
  D. Caterpillar

What is the term for organisms that get their energy from the sun?

Which organism in this food web is an omnivore? Explain your choice.

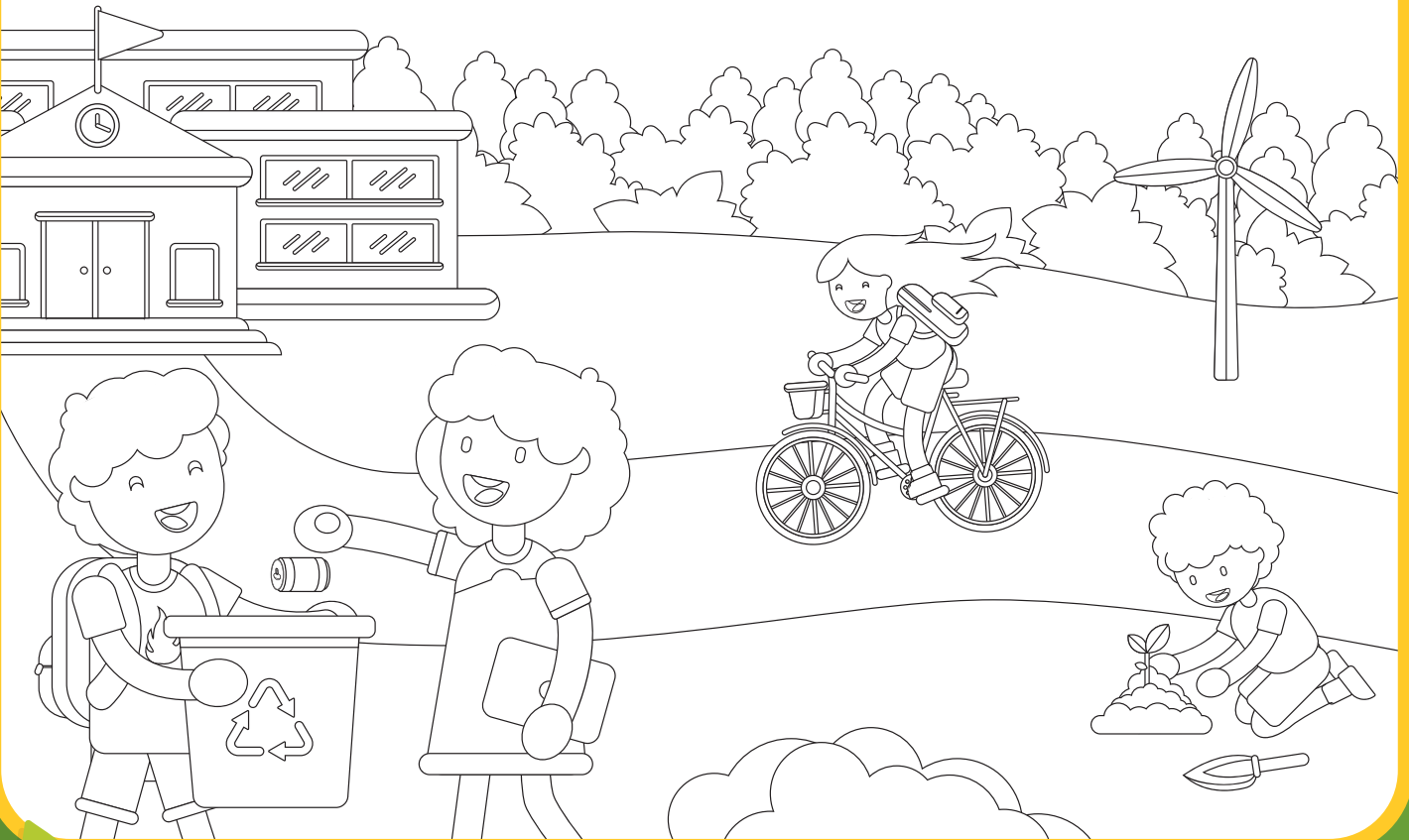Rank these organisms from lowest to highest trophic level: hawk, berries, mouse, grass.

What would happen to a food web if the top predator is removed? Discuss potential short-term and long-term effects.

Helping Planet Earth

Name:

Date:

Colour in the scene below and let your peers know how you can help Earth

I can help Earth by:

1.

2.

3.

4.

5.