

# Assessment Rubric

## Ecosystems

Student's Name: \_\_\_\_\_ Assignment: \_\_\_\_\_ Level: \_\_\_\_\_

	Level 1	Level 2	Level 3	Level 4
Understanding Concepts	Demonstrates a limited understanding of concepts. Needs teacher intervention.	Demonstrates a basic understanding of concepts. Requires little teacher intervention.	Demonstrates a good understanding of concepts. Requires no teacher intervention.	Demonstrates a thorough understanding of concepts. Requires no teacher intervention.
Analysis and Application of Key Concepts	Limited application and interpretation in activity responses	Basic application and interpretation in activity responses	Good application and interpretation in activity responses	Strong application and interpretation in activity responses
Creativity and Imagination	Limited creativity and imagination applied in projects and activities	Some creativity and imagination applied in projects and activities	Satisfactory level of creativity and imagination applied in projects and activities	Beyond expected creativity and imagination applied in projects & activities
Application of Own Interests	Limited application of own interests in independent or group environment	Basic application of own interests in independent or group environment	Good application of own interests in independent or group environment	Strong application of own interests in independent or group environment

**STRENGTHS:**

**WEAKNESSES:**

**NEXT STEPS:**

SAMPLE



# Photosynthesis



1. Put a check mark (✓) next to the answer that is most correct.

a) We can consider plants to be very lucky because:

- A they have leaves to help them grow strong and tall.
- B they are the only living organisms that are able to make their own food.
- C their roots bring them food from the soil.
- D they grow very close to other plants and can help each other find food.

b) How do plants make their own food?

- A They find bugs and other things in the soil close to their roots.
- B They do not need food to grow.
- C They get food from the plants that are living close to them.
- D They use sunlight, water and carbon dioxide to make food.

c) Why is photosynthesis the most important process on our Earth?

- A Many animals and plants depend on plants to survive.
- B Plants do not need energy from sunlight to make food.
- C We would still survive on Earth if plants didn't make food.
- D Only humans depend on plants for energy.

d) Where do plants get most of their energy from?

- A From the people that have planted them in the soil.
- B From water either from a garden hose or rain.
- C From the air around them, especially on hot summer days.
- D From the sun's energy which is called solar energy.

SAMPLE

2. Circle the word True if the statement is true. Circle the word False if it is false. If it is false, rewrite the sentence to make it true.

T F a) We can eat everything that plants grow, even some flowers.

\_\_\_\_\_

T F b) Humans breathe in carbon dioxide and breathe out oxygen. Plants do the same.

\_\_\_\_\_

T F c) Humans can make their own food just like plants.

\_\_\_\_\_



# Word Search

Find all of the words in the Word Search. Words are written horizontally, vertically, or diagonally, and some are even be backwards.

abiotic	decomposer	leaf	producer
bacteria	ecosystem	microorganism	recycle
balance	energy	nutrients	reproduce
biotic	environment	organism	succession
composition	evaporation	oxygen	sun
condensation	foodchain	photosynthesis	virus
consumer	fungi	population	web

SAMPLE

b	a	c	t	e	r	i	a	v	e	e	c	n	a	l	a	b	n
w	o	d	r	e	c	y	c	l	e	r	t	t	n	v	b	u	
e	e	r	c	o	n	d	e	n	s	a	t	i	n	z	c	s	
n	t	z	g	w	e	f	g	t	y	q	e	r	z	o	t		
v	n	c	w	a	r	n	u	i	e	n	t	s	q	n	s		
i	o	v	s	q	n	w	e	c	o	s	y	s	t	e	m	s	h
r	i	b	d	w	e	j	w	r	w	j	h	s	a	u	e		
o	t	b	f	y	n	s	r	e	d	b	k	g	d	p	m	e	
n	a	n	g	g	h	m	d	c	v	f	f	e	h	e	h		
m	r	y	g	e	n	e	t	w	w	a	b	d	c	o	r	e	
e	o	g	h	g	v	h	r	y	k	e	r	g	s	o	t	n	e
n	p	h	r	n	o	i	t	a	l	u	p	o	p	m	o	l	y
t	a	p	j	e	c	y	b	y	n	g	d	x	w	p	s	r	k
v	v	j	r	h	p	j	v	c	g	d	h	y	e	o	y	y	s
r	e	k	k	o	q	r	c	u	i	n	m	g	r	s	n	e	u
e	t	y	v	j	d	u	o	o	w	t	b	e	t	e	t	d	c
b	b	i	i	k	t	u	x	d	d	s	o	n	y	r	h	s	c
n	i	g	r	b	r	k	c	e	u	w	h	i	h	m	e	c	e
m	o	n	u	e	e	r	w	e	d	c	a	v	b	n	s	n	s
r	t	u	s	w	q	w	e	r	r	y	e	d	f	a	i	v	s
y	i	f	o	o	d	c	h	a	i	n	h	g	j	k	s	v	i
k	c	c	c	o	m	p	o	s	i	t	i	o	n	r	y	e	o
g	q	e	m	s	i	n	a	g	r	o	o	r	c	i	m	s	n

# Photosynthesis

