

Name: _____

Date: _____

Chapter 3 Energy Transformations

A	I	S	F	V	Z	N	H	A	A	M	G	E	H	T	S	G	R	A	N	A	O	Z	C
E	O	S	G	C	H	E	M	O	H	E	T	E	R	O	T	R	O	P	H	C	X	O	E
L	G	V	R	E	R	O	V	I	B	R	E	H	W	O	W	R	X	R	Q	M	B	G	L
I	F	D	H	P	O	R	T	O	T	U	A	K	S	T	V	H	H	Y	P	R	Z	Z	L
G	U	M	Z	C	H	E	M	O	S	Y	N	T	H	E	S	I	S	Z	X	W	N	U	U
H	P	O	R	T	O	R	E	T	E	H	O	T	O	H	P	E	N	J	R	H	P	P	L
T	V	N	O	I	R	D	N	O	H	C	O	T	I	M	P	H	X	M	E	X	H	H	A
C	C	F	V	R	T	Z	P	I	R	R	E	B	R	A	D	I	S	L	O	P	U	O	R
O	D	C	A	R	B	O	N	F	I	X	A	T	I	O	N	I	P	H	O	Z	S	T	R
M	G	R	A	N	U	M	L	G	O	D	L	R	J	F	B	V	O	R	G	B	P	O	E
P	T	Y	I	F	M	E	T	H	A	N	O	G	E	N	X	B	T	K	O	H	H	S	S
E	S	G	D	P	K	R	V	J	Z	R	Y	Y	C	I	B	O	R	E	A	G	D	Y	P
N	A	R	N	S	E	C	T	X	O	T	F	A	H	E	R	Z	A	U	T	L	S	N	I
S	L	E	Q	J	N	I	E	C	H	L	O	R	O	P	H	Y	L	L	M	Y	Y	T	R
A	P	N	C	O	D	B	K	M	M	Q	Z	U	A	N	Q	T	K	K	Z	C	L	H	A
T	O	E	D	F	O	O	C	N	D	Y	F	S	C	J	G	I	D	P	B	O	B	E	T
I	R	L	I	O	C	R	E	T	P	S	P	A	E	T	N	E	K	J	P	L	J	S	I
O	O	A	X	S	Y	E	O	P	D	L	R	T	Q	I	G	F	Z	F	X	Y	V	I	O
N	L	C	D	X	T	A	E	U	O	N	I	Y	J	G	O	W	P	T	A	S	L	S	N
P	H	I	R	U	O	N	P	T	I	S	C	W	Q	Q	S	S	A	M	O	I	B	O	E
O	C	M	Q	F	S	A	Q	V	A	A	C	H	K	C	O	M	L	P	T	S	X	B	Q
I	O	E	H	Y	I	I	O	R	T	U	H	P	O	R	T	O	R	E	T	E	H	F	D
N	F	H	R	Y	S	R	A	C	X	T	Y	F	E	R	M	E	N	T	A	T	I	O	N
T	T	C	F	F	E	P	I	O	W	C	C	M	E	T	S	Y	S	O	C	E	Z	X	O

light compensation point

chemoheterotroph

photosynthesis

fermentation

chloroplast

methanogen

herbivore

autotroph

omnivore

granum

cellular respiration

chemical energy

chemosynthesis

heterotroph

chlorophyll

glycolysis

ecosystem

anaerobic

biomass

grana

photoheterotroph

carbon fixation

mitochondrion

endocytosis

saprotroph

thylakoid

carnivore

parasite

aerobic

ATP