Name: _____ Date: _____

Asteroids, Meteors and Comets

DIRECTIONS: Find and circle the vocabulary words in the grid. Look for them in all directions including backwards and diagonally.

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

ACCRETION
ASTEROID
ATMOSPHERE
BELT
CARBON
CERES
COLLIDE
COMET
CRATER
DUST
ELLIPTICAL
GAS TAIL
HAZARDOUS
ICE
IMPACT
LUMPY
METALLIC
METEOR
METEORITE
METEOROID
ORBIT
PLANETOID
ROCKS
STONY
TELESCOPE
TRAJECTORY
TROJAN
VERY OLD

LIVEWORKSHEETS

Name _____ Class _____ Date _____

27.4 – Asteroids, Comets, & Meteors *(p. 602-605)*

Lesson Review

PART A. Complete the following statements using the word bank.

Asteroid	**Meteorite**	**Rock**	**Jupiter**
Mars	**Meteor**	**Meteor Shower**	**Metals**

1. A large chunk of rock that orbits the Sun is an _____.
2. A piece of rock or metal that strikes Earth's surface is a _____.
3. A piece of rock or metal that enters Earth's atmosphere is a _____.
4. Most asteroids are located between _____ & _____.
5. Asteroids are made up of _____ & _____.
6. A _____ occurs whenever Earth moves through the dust trail of a comet.

Lesson Review

PART B. Match each term in **Column B** with its description in **Column A**. Write the correct letter.

	Column A	Column B
_____	**1.** Lump of ice, frozen gas, and dust that orbits the Sun	**a.** Kuiper Belt
_____	**2.** Head or solid part of a comet	**b.** Comet
_____	**3.** Gas cloud that surrounds the nucleus of a comet	**c.** Oort Cloud
_____	**4.** Long, ribbonlike comet trail of dust and gas	**d.** Nucleus
_____	**5.** Shape of a comet's orbit	**e.** Ellipse
_____	**6.** Cloud of inactive comets far beyond Pluto's orbit	**f.** Coma
_____	**7.** Cloud of inactive comets beyond Neptune's orbit	**g.** Tail

Skill Challenge

On Figure A, draw tails on the comet to show how they change as the comet orbits the Sun. Then, on Figure B, **label** the parts of the comet – **Coma**, **Nucleus**, **Tail**.

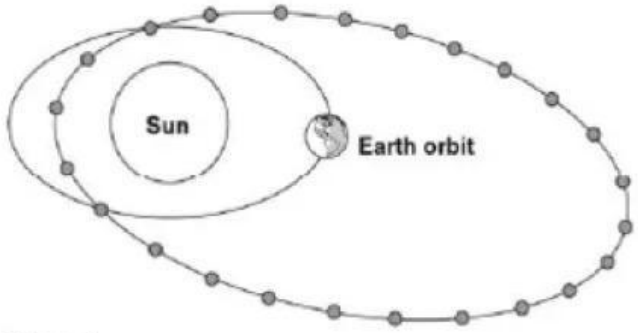

Figure A

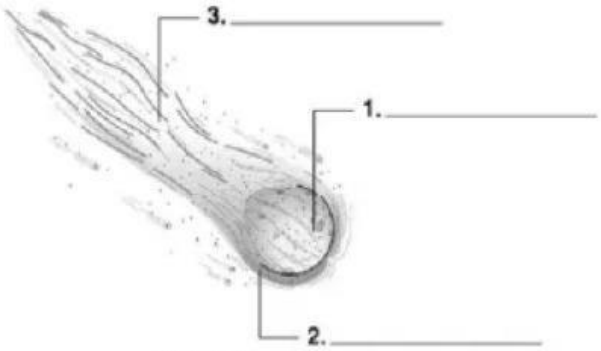

Figure B

LIVEWORKSHEETS