



SPACE SCIENCE STUDENT WORKSHEET MASTERS AND ANSWER KEYS

Dear Assembly Coordinator and Teachers,

The following pages contain student worksheet masters and answer keys. They are to be used in conjunction with Prismatic Magic's Space Science assembly and the Space Science Teacher Guides located on Prismatic Magic's Web site.

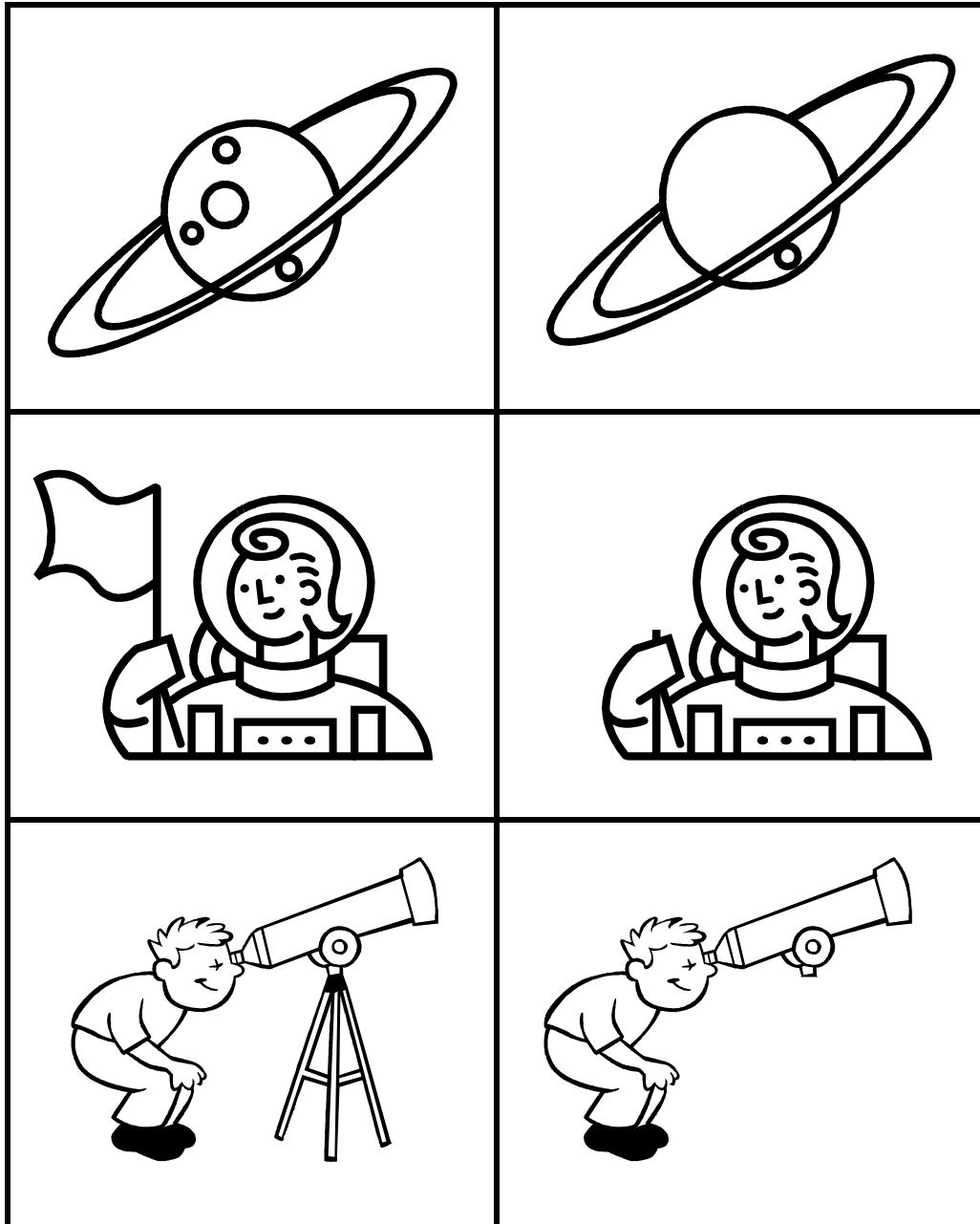
The worksheets are to be given to students **after** Prismatic Magic has presented the assembly at your school. These worksheets are designed to enhance the learning and educational value of the laser assembly.

The worksheets are arranged from simple to advanced with answer keys immediately following each worksheet. Feel free to use any worksheets that you think students will enjoy and be able to complete. We hope you enjoyed the laser program and that you find these worksheets useful.

Sincerely,

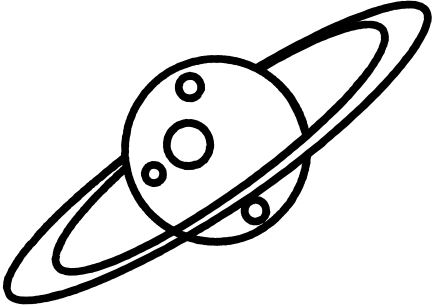
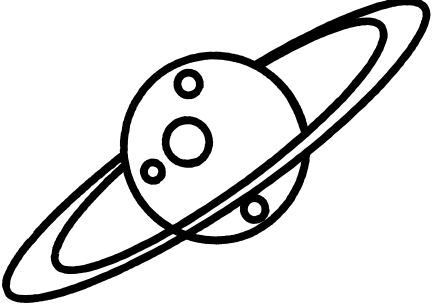
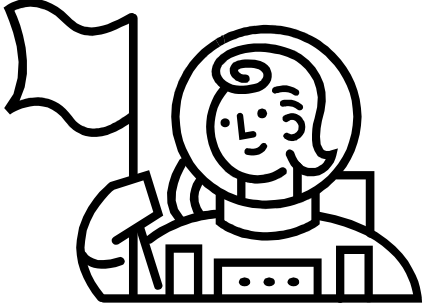
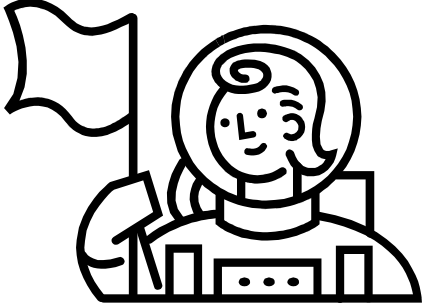
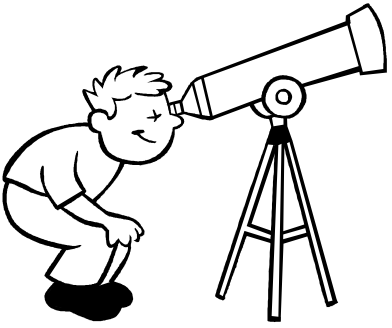
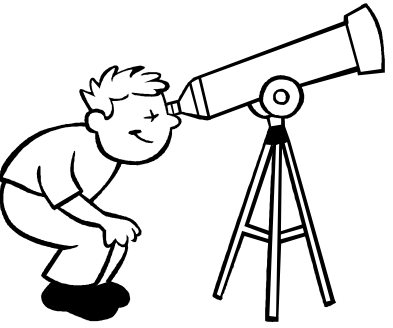
Your Friends at Prismatic Magic

DIRECTIONS: On the left is a picture of something related to space. Draw in what is missing from the picture on the right. Then color the pictures

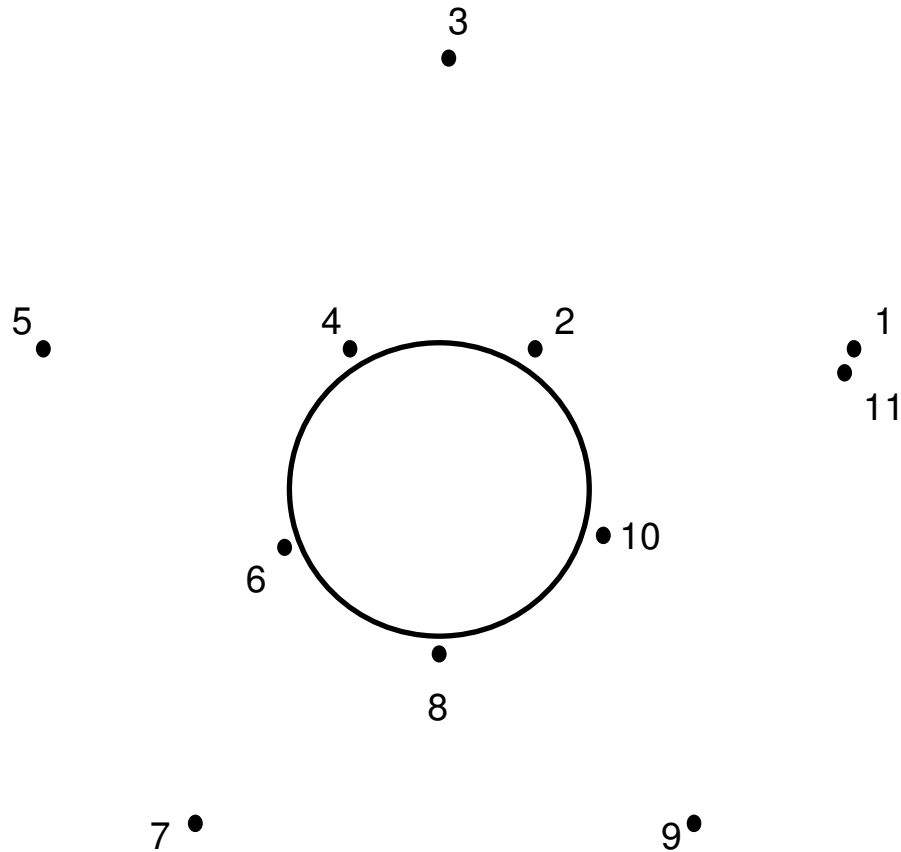


*****TEACHER ANSWER KEY*****

DIRECTIONS: On the left is a picture of something related to space. Draw in what is missing from the picture on the right. Then color the pictures

	PLANET SPOTS 
	FLAG 
	TELESCOPE STAND 

DIRECTIONS: Connect the dots in order below and color the picture.



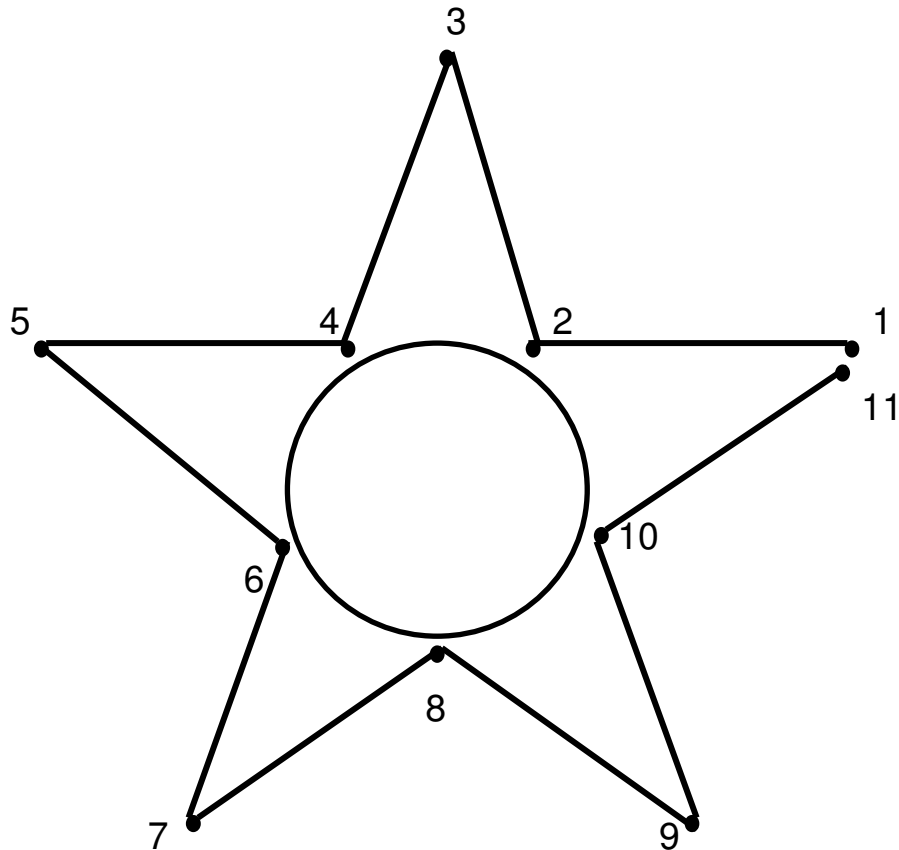
What shape did you make? _____

What other shape do you see on the paper? _____

Did you know? The closest star to the earth is the sun and stars are not shaped like a star, they are round like a circle or ball!

*****TEACHER ANSWER KEY*****

DIRECTIONS: Connect the dots in order below and color the picture.

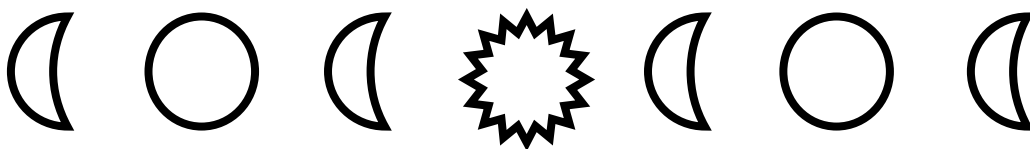
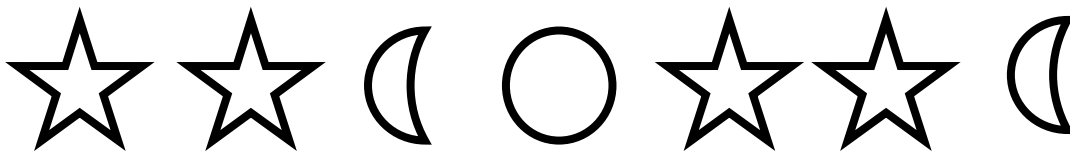
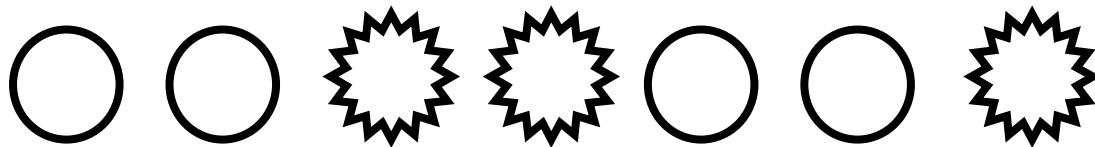
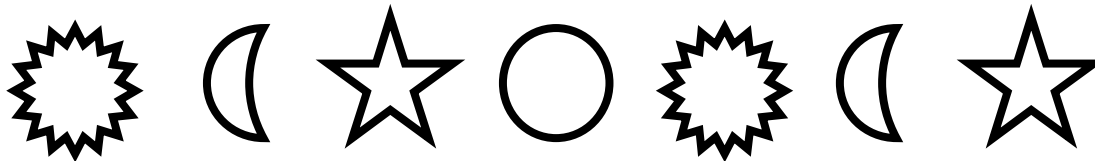
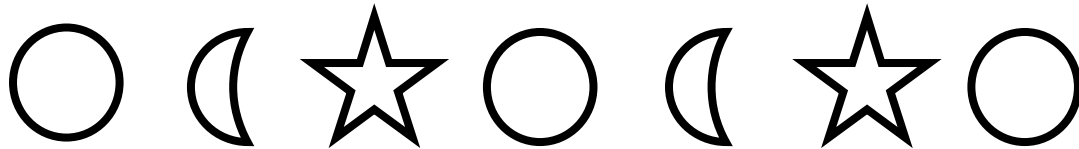


What shape did you make? STAR

What other shape do you see on the paper? CIRCLE

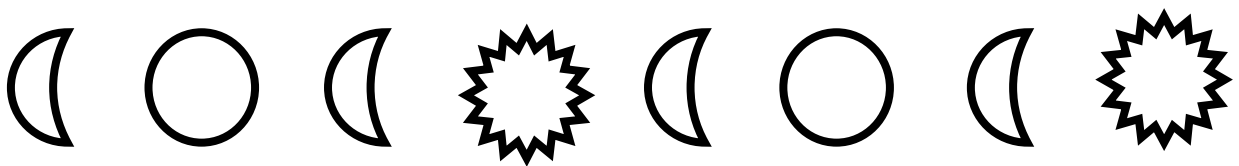
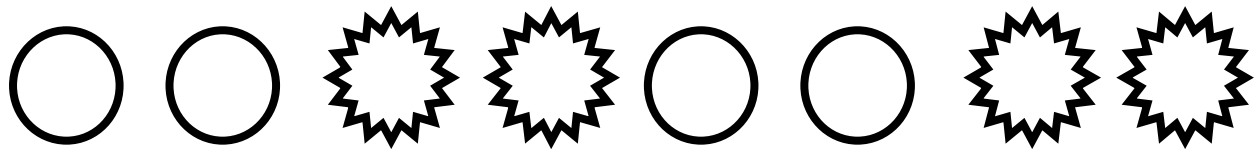
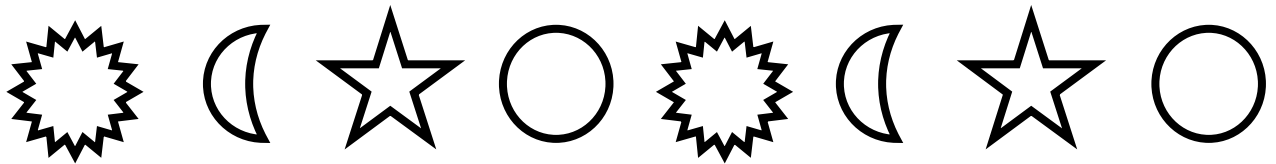
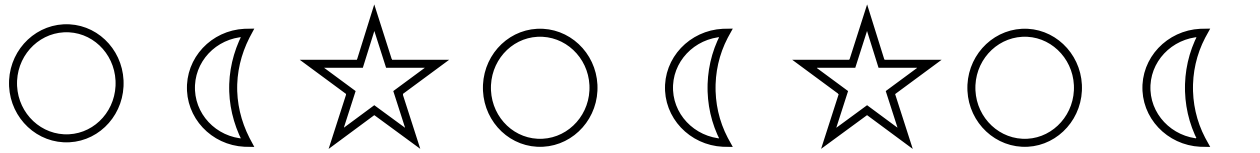
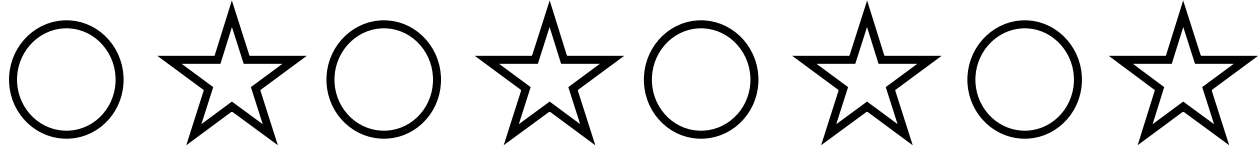
Did you know? The closest star to the earth is the sun and stars are not shaped like a star, they are round like a circle or ball!

DIRECTIONS: Look for the pattern in the space pictures below.
Draw the correct picture in the blanks.

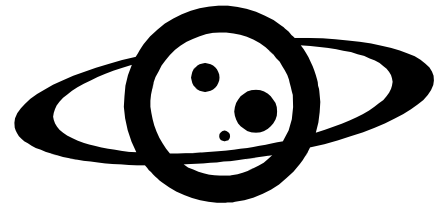
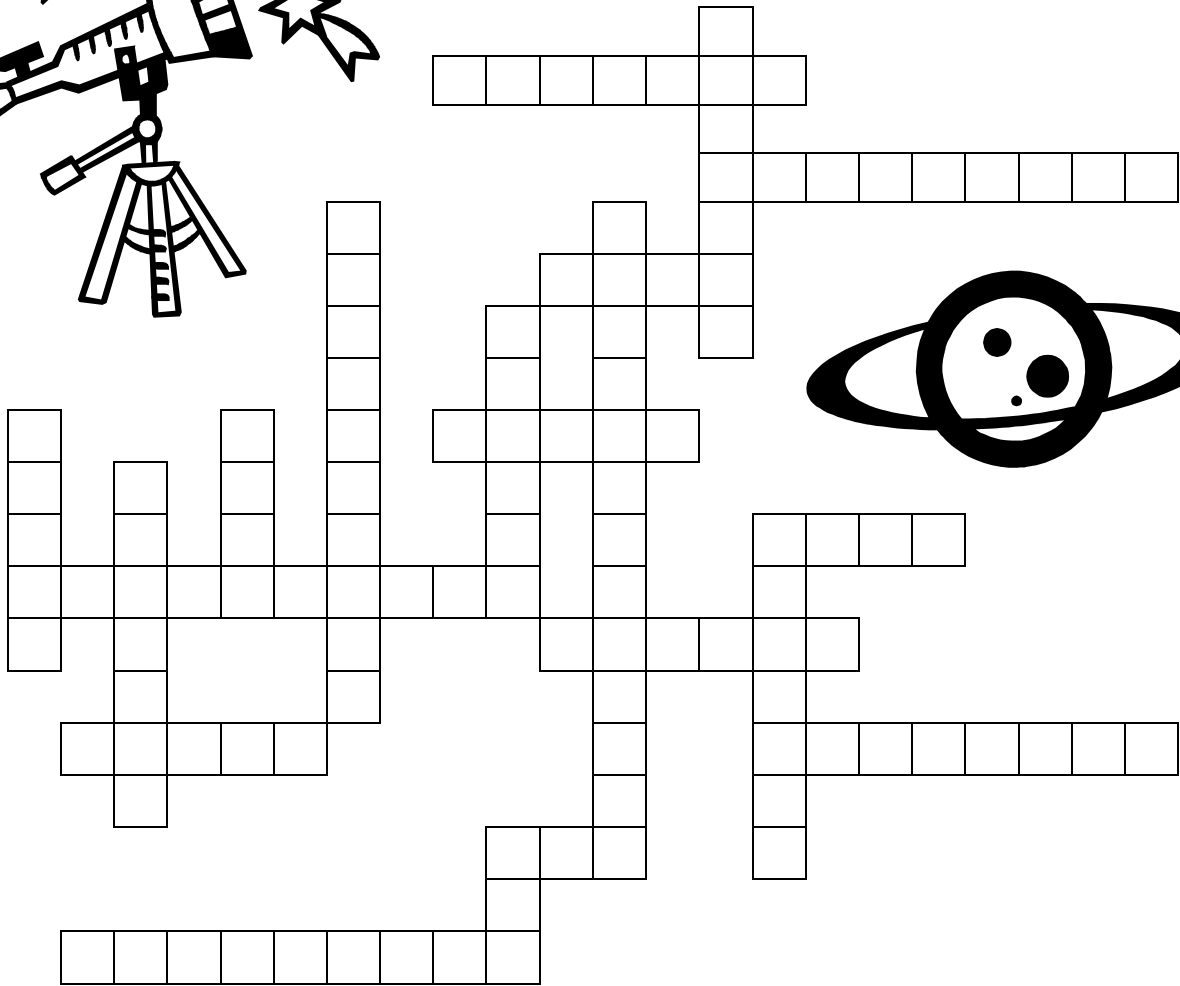
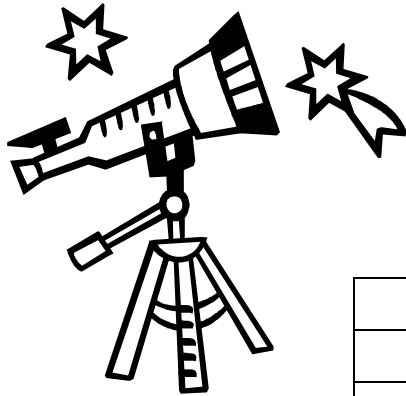


*****TEACHER ANSWER KEY*****

DIRECTIONS: Look for the pattern in the space pictures below.
Draw the correct picture in the blanks.



DIRECTIONS: See if you can fit each of the space words below in the correct spaces. There is only one way each word will fit to finish the entire puzzle so be careful.



3-Letter Words

sun
sky

4-Letter Words

Mars
moon
star

5-Letter Words

Venus
Earth
space

6-Letter Words

Saturn
Uranus

7-Letter Words

Mercury
Jupiter
Neptune
Galileo

8-Letter Words

universe

9-Letter Words

telescope
astronomy

10-Letter Words

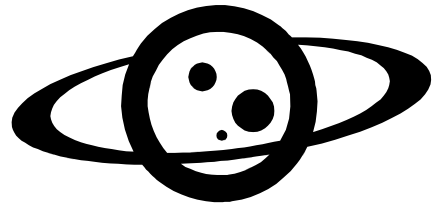
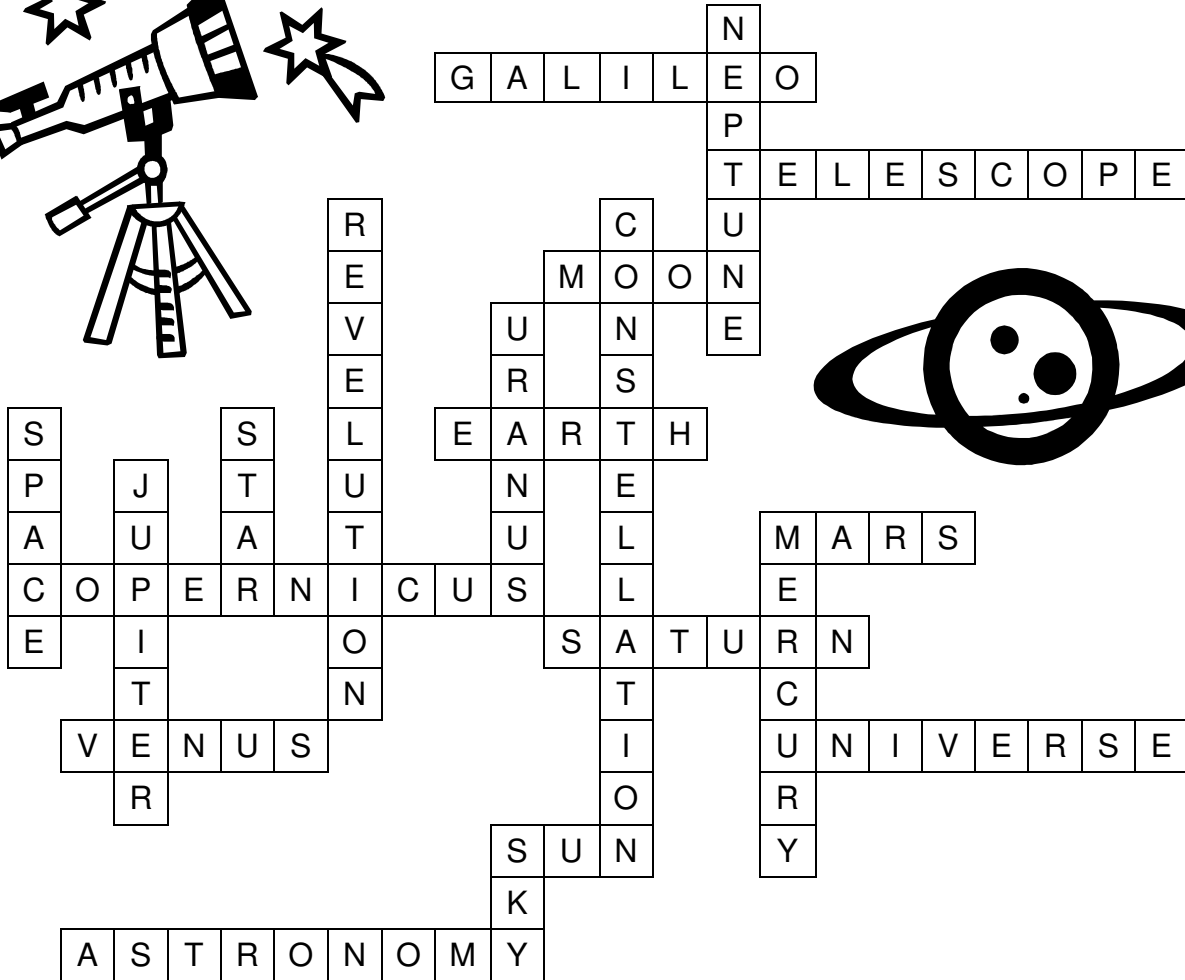
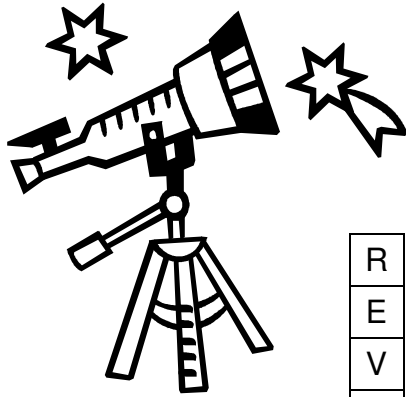
revolution
Copernicus

13-letter words

constellation

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Copernicus

13-letter words

constellation

DIRECTIONS: Unscramble the names of the planets on the lines below.

E I J P R T U

_____ 10 _____ 9 _____

A E H R T

_____ _____ 20 8

C E M R R U Y

13 _____ 3 _____ 25

A N R S U U

_____ 18 _____

E N S U V

22 _____ 21 _____

A M R S

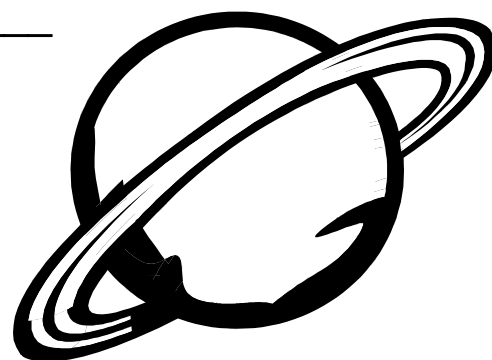
_____ 1 _____

A N R S T U

19 _____ _____ 14

E E N N P T U

5 16 _____



Now fill the letters from the numbered spaces to finish the sentences below.

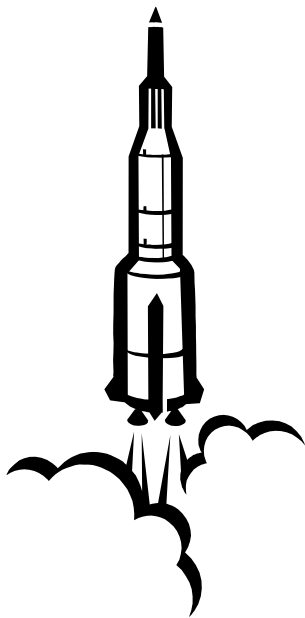
3 0 16 5 18 14 9 3 21 19 discovered that the earth revolves around the sun.

G 1 9 5 used a telescope to discover moons revolving around Jupiter.

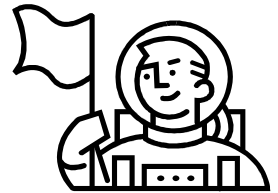
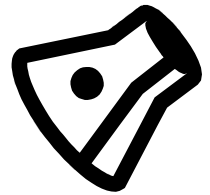
Eight planets and the sun make up our 19 0 1 18 19 25 19 20 5 13.

DIRECTIONS: Neil Armstrong and Buzz Aldrin were the first two people to walk on the moon. A third person went with them. Find out who he was and what he did while the others were on the moon. Circle the space exploration words in the puzzle below. Put all the letters you didn't circle in order in the blanks at the bottom of the page. The sentence will tell you about that third person.

WORDS TO FIND: ALDRIN APOLLO ARMSTRONG
 ASTRONAUT BUZZ COUNTDOWN
 CRATER EAGLE EXPLORE
 FLAG GRAVITY MOON
 NEIL ROCKET SATELLITE
 SHUTTLE SPACE WEIGHTLESS



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



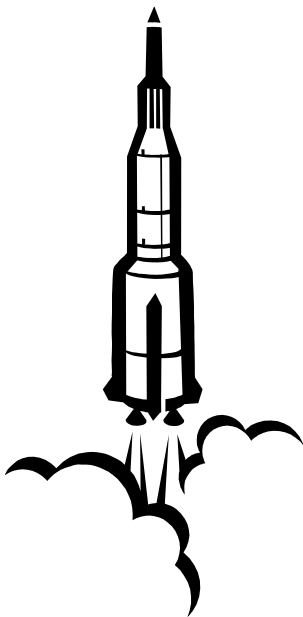
Put the letters you didn't circle on the lines and read the sentence.

_____.

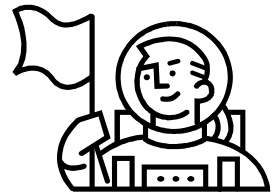
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 CRATER EAGLE EXPLORE
 FLAG GRAVITY MOON
 NEIL ROCKET SATELLITE
 SHUTTLE SPACE WEIGHTLESS



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



Put the letters you didn't circle on the lines and read the sentence.

MICHAEL

COLLINS

ORBITED

THE

MOON

ALONE

DIRECTIONS: Fold the page on the dotted line. Fill in each box with an appropriate word. Unfold the page and read the story, reading the words from the boxes as you go.

1. adjective	7. noun	13. adjective
2. noun	8. past tense verb	14. plural noun
3. adjective	9. your favorite singer	15. adverb
4. verb ending in -ing	10. adjective	16. plural noun
5. plural noun	11. noun	17. adjective
6. adverb	12. present tense verb	18. adjective

----- **fold here** -----

Neal Weaklegs, Buzzy Nodrin and Mike Call-In were ready to blast off in their 1 rocket. The countdown reached one and Neal pushed the emergency 2. “What’s wrong?” mission control asked. “I forgot my 3 wallet,” said Neal. “Forget about it! Just get 4!” Mike turned the key, the 5 rumbled and the three men 6 rose from the earth. “Look how small the earth looks from up here,” said Buzzy. “That’s not the earth,” replied Mike. “We just took off. It’s a 7 hanging from the rearview mirror for good luck.” The rocket jerked and 8, like a roller coaster. “I’m going to be sick,” moaned Neal. “Because of the motion?” asked Buzzy. “No,” replied Neal. “I can’t stand 9. Turn off the radio!” Mike turned it off and said, “With no music, I’m 10.” “Me too. Are we there yet?” asked Buzzy. “We have a long 11 ahead,” said Mike. “If we don’t get there soon, I’m going to 12,” whined Buzzy. “Look up ahead!” shouted Neal. “I see 13 creatures!” “Let me put on my 14 so I can see,” said Mike. “You’re right. I need to slow down 15 or they won’t hear us.” Buzzy spoke into the microphone and his voice echoed through 16 outside the rocket. “Greetings,” he said. “We would like three 17 cheeseburgers, fries and chocolate shakes.” “That will be \$18.95 at the first window,” the men heard in reply. “Oh great!” exclaimed Neal. “I knew I needed my wallet.” “Now what are we going to do?” wailed Mike. “I’m 18.” “Head back to mission control,” answered Neal. “It’s just down the street.”

*****TEACHER ANSWER KEY*****

DIRECTIONS: Fold the page on the dotted line. Fill in each box with an appropriate word. Unfold the page and read the story, reading the words from the boxes as you go.

1. adjective Answers will vary	7. noun	13. adjective
2. noun	8. past tense verb	14. plural noun
3. adjective	9. your favorite singer	15. adverb
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5. plural noun	11. noun	17. adjective
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DIRECTIONS: The names Copernicus, Galileo and Armstrong should remind you about the Space Science Spectacular laser program. Those three names are hidden in the puzzle below many times. See if you can find them all.

I E G O E L I L A G N O R T S M R A
O N R O O N R C N E E E E U M R I R
R S N N G R M O G L N L C O I P C M
C N A S R C R O I C T I R E C A O S
E S G I E T O L I G N L I S P R E T
A O T M S C A P S R O A C S I M L R
O U N M P G O U E S M G U R S S I O
C G R I N C O P E R N I C U S T L N
N A T O L C O P E R N I C U S R A G
G L G U G C O P E R N I C U S O G C
U I C N N R E P E E N R C E N N N R
G L G N O R T S M R A I O U O G O R
L E A G R R U R E R N O C R S R R M
R O L U T I T P S R G I T U R T T C
S C I N S U O S E N C S C C S A S A
R G L U M C A P M G M R I U A R M R
A A E C R C O P E R N I C U S T R O
E L O A A C S R A U A O E L I L A G

How many times did you find Galileo? _____

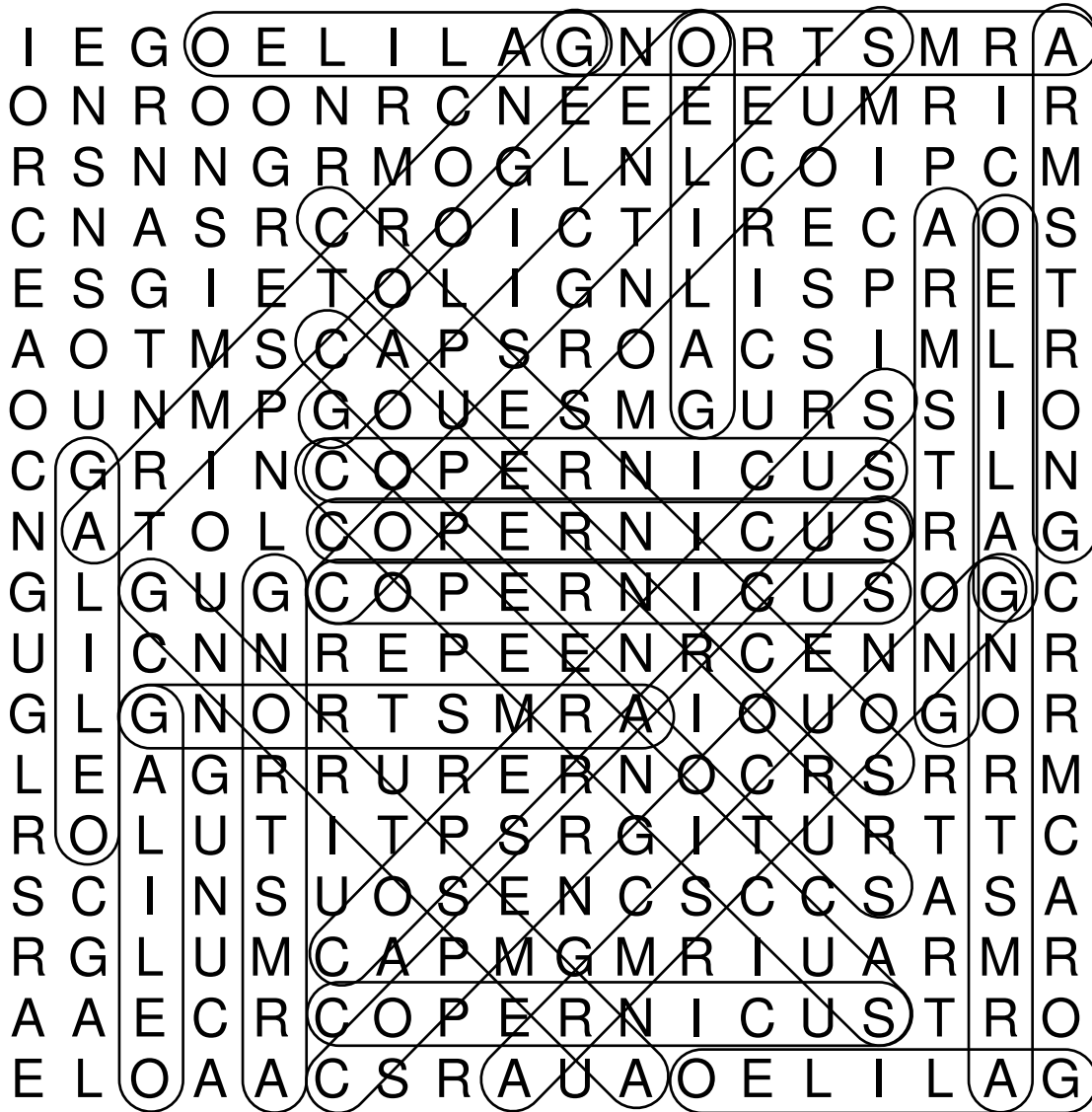
How many times did you find Armstrong? _____

How many times did you find Copernicus? _____

(Hint: The number of letters in each name should give you a clue.)

TEACHER ANSWER KEY

DIRECTIONS: The names Copernicus, Galileo and Armstrong should remind you about the Space Science Spectacular laser program. Those three names are hidden in the puzzle below many times. See if you can find them all.



How many times did you find Galileo? 7

How many times did you find Armstrong? 9

How many times did you find Copernicus? 10

(Hint: The number of letters in each name should give you a clue.)

Create a Keyboard Picture

DIRECTIONS: Follow the keyboarding directions listed below completely and correctly. Make sure all page margins are set to 1". Set your font to Courier, size 12, and bold. Turn on caps lock and be sure you are set on single spacing. Ask for help if needed. Now -

1. Push the space bar 31 times, then push the X key once, then push the enter key once.
2. Push the space bar 30 times, push the X key 3 times, then push the enter key once.
3. Space bar 30 times, X key 1 time, space bar 1 time, X key 1 time, enter key once.
4. Space bar 30 times, X key 1 time, space bar 1 time, X key 1 time, enter key once.
5. Space bar 30 times, X key 1 time, space bar 1 time, X key 1 time, enter key once.
6. Space bar 30 times, X key 1 time, space bar 1 time, X key 1 time, enter key once.
7. Space 29 times, X 5 times, enter once.
8. Space 28 times, X 2 times, space once, X once, space once, X 2 times, enter once.
9. Space 28, X 2, space 1, X 1, space 1, X 2, enter. (Directions are shorter, if need help, ask.)
10. Space 28, X 2, space 1, X 1, space 1, X 2, enter.
11. Space 28, X 7, enter.
12. Space 27, X 2, space 5, X 2, enter.
13. Space 26, X 2, space 7, X 2, enter.
14. Space 26, X 11, enter.
15. Space 26, X 2, space 4, X 1, space 2, X 2, enter.
16. Space 26, X 2, space 4, X 1, space 2, X 2, enter.
17. Space 26, X 2, space 4, X 1, space 2, X 2, enter.
18. Space 26, X 2, space 4, X 1, space 2, X 2, enter.
19. Space 26, X 2, space 4, X 1, space 2, X 2, enter.
20. Space 26, X 2, space 1, X 1, space 2, X 1, space 2, X 2, enter.
21. Space 26, X 2, space 1, X 1, space 2, X 1, space 2, X 2, enter.
22. Space 26, X 11, enter.
23. Space 25, X 2, space 9, X 2, enter.
24. Space 24, X 15, enter.
25. Space 24, X 3, space 9, X 3, enter.
26. Space 24, X 3, space 9, X 3, enter.
27. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
28. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
29. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
30. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
31. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
32. Space 24, X 15, enter.
33. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
34. Space 24, X 3, space 4, X 2, space 3, X 3, enter.
35. Space 23, X 4, space 4, X 2, space 3, X 4, enter.
36. Space 22, X 5, space 4, X 2, space 3, X 5, enter.
37. Space 10, X 7, space 9, X 11, enter.
38. Space 4, X 7, space 4, X 4, space 10, X 1, space 5, X 1, space 7, X 5, enter.
39. Space 3, X 2, space 13, X 2, space 8, X 3, space 3, X 3, space 5, X 2, space 3, X 11, enter.
40. Space 18, X 3, space 8, X 1, space 5, X 1, space 4, X 2, space 7, X 2, space 7, X 2, enter.
41. Space 19, X 1, space 8, X 3, space 3, X 3, space 3, X 2, space 18, X 1, enter.
42. Space 18, X 7, space 3, X 3, space 3, X 3, space 4, X 1, enter.
43. Space 6, X 7, space 2, X 4, space 5, X 8, space 1, X 10, enter.
44. Space 4, X 2, space 7, X 2, space 12, X 5, space 1, X 5, enter.
45. Space 4, X 1, space 23, X 4, space 1, X 3, enter.

Print the page to get your picture.

