

Universal Motion

Teacher Notes

- Duplicate a copy of the student sheets for each student.
- Read and discuss as desired.
- Have students answer questions 1-9 independently.
- Work on the final puzzle together.
- If time allows, let students create their own word search or crossword puzzle.

Answer Key

1. **True**-We call the Star in the center of our Solar System our Sun.
2. **False**-Planet do not orbit their moons, moons order planets. Planets follow an orbit around the Sun.
3. **False**-It takes the Earth 365 days to revolve around the Sun. It takes the Earth 24 hours to rotate on its axis.
4. **True**-Day and Night are caused by the rotation of the Earth on its axis. This is called the day/night cycle.
5. **True**- It takes the Earth 365 days to revolve or orbit around the Sun. Each day represents one rotation. Therefore, it takes the Earth 365 days to go around the Sun.
6. **A**
7. **A**
8. **C**
9. **B**

1. Use the letter or number groupings below to fill in the table. Be sure to put the letters from column A in the top table in column A of the bottom table. Each letter or number grouping is only used one time. Cross out the groupings as you use them. The first two words have been filled in for you!

A	B	C	D	E	F
3 S T AX IF TH NCE URS	D R 65 IS TO AKES AROU	T T IT ND AYS THE OTAT	E R S HE ON TO EAR AKES	2 O CE TH UN THE EVOL	4 N O HO IT VE EAR
A	B	C	D	E	F
I T	T A K E S	T H E	E A R T H	2 4	H O
U R S	T O	R O T A T E	O N C E	O N	I T
S	A X I S .	I T	T A K E S	T H E	E A R
T H	3 6 5	D A Y S	T O	R E V O L	V E O
N C E	A R O U N D	T H E	S U N .		

Use the back of this paper to make up your own puzzle about the Earth and how it moves in space.