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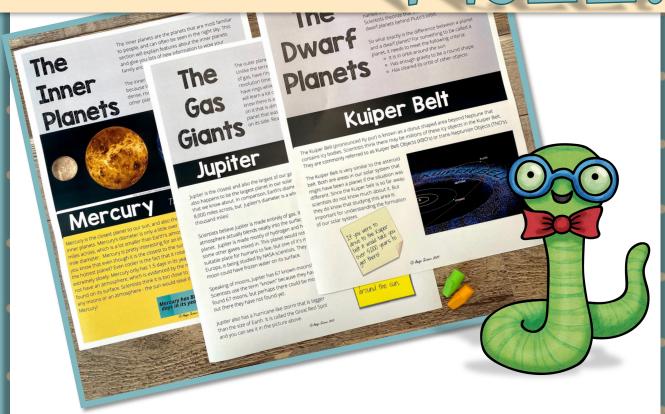




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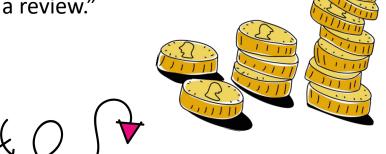
MONEY HONEY!

LEAVING FEEDBACK EARNS CASH CREDIT! CHA-CHING!

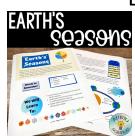
1 CLICK ME



Click "Leave a review."



Earth's Seasons Differentiated Activity



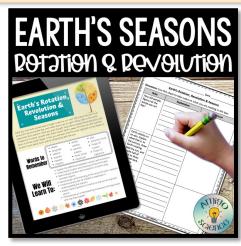
Leave a Review

THANK YOU!

These worksheets are part of a larger lesson.

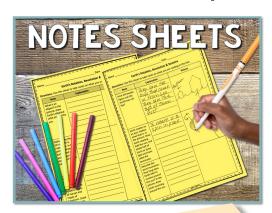
Check out this complete lesson about Earth's seasons, rotation and revolution!



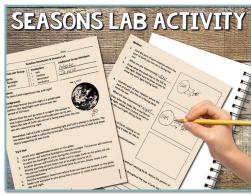


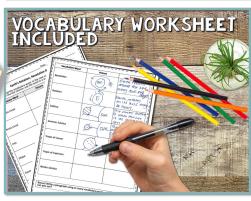
Click the box to check it out

COMPLETE NO-PREP DIFFERENTIATED LESSON TO MAKE TEACHING ROTATION, REVOLUTION & SEASONS A BREEZE!







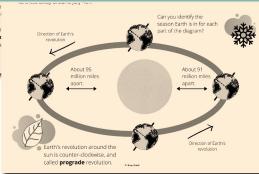


NameDate	
Rotation Revolution & Seasons Lab Materials per Group: • globe • flashlight • pencils Rotation Revolution & Seasons Lab Vocabulary: • axis • rotation • terminator • revolution	Members:
Explore: Why does Earth experience day and night? Background: Earth experiences day and night in a predictable pattern. Our day/night cycle occurs over the period of 24 hours.	Name Directions: Choose the best answer for each of the following questions or statements. 1. This is what causes day and night. A. Earth's rotation B. Earth's revolution C. The sun's rotation D. The sun's revolution
	EST AND SEASONS LAB NIMAL EQUIPMENT.
 Locate your approximate location on the globe. One person will hold the flashlight to simulate sunlight. This person to point the flashlight at Earth during the simulation. Another person will hold Earth. Make sure to angle Earth so the podirectly pointing up and down, but at an angle close to 23.5°. The person holding Earth should hold Earth by its axis. Slowly rotat counterclockwise. Find the terminator. Determine where dusk and dawn are located of Make sure everyone in your group has a chance to rotate Earth and day and night. 	A. axis B. side C. oval D. pole te Ear 5. The amount of time it takes Earth to revolve around the sun is a: A. day B. 24 hours on th C. month D. year
SET UP YOUR LESS	Demonstrate an g of of on WITH PRINTABLE
OBJECTIVES, VOCA	BULARY AND PROPS.
	revolution



ASSIGN COLOR LESSON TO YOUR LMS AND





FUN

FACT!

Earth is an

average of

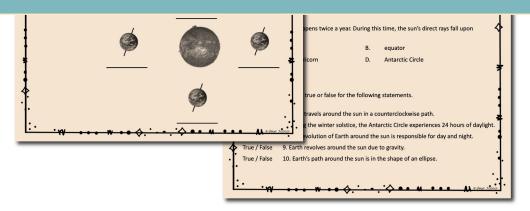


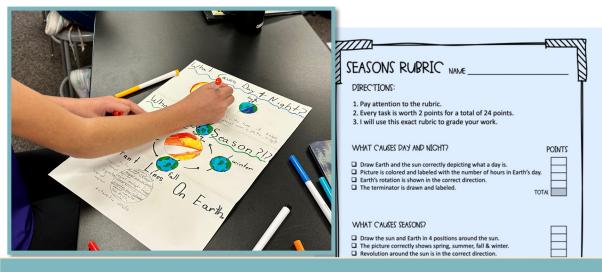
ASSIGN SUPPLEMENTAL ACTIVITIES TO ASSESS VOCABULARY & COMPREHENSION.

Equinox	I what that is. Draw a picture of Earth rotating. Add the sun, and shade half of Earth to show light and dark. Label the terminator.		If distance from the sun is NOT the reason we have seasons, then what is It? How could you explain this to someone who does not understand why we have seasons?	
	Describe the word revolution. How long does Earth take to revolve around the sun? Draw a picture of Earth revolving around the sun in a prograde direction.	· · · · · · · · · · · · · · · · · · ·	thus house	



FINISH WITH A POST TEST!





SUPPLEMENT WITH A PROJECT!



Earth's Seasons

Ζ S Ε Т 0 C Ν 0 C N R Ε C N C 0 C 0 R Т Q R Ε C R C C I Т C R Α Т Ν Α Z Α T Χ 0 S Т C Ε C Τ S 0 R Ε Ν ı C C Υ Ε Ε C S 0 S Α 0 Χ N Н M S C S D В Χ L U Τ D R D D Υ N R N X Ε G R L I Z R Н Q J Н U N Q Α I R Τ R Ε Ρ R C R Ν S Χ Ε Н Ν Τ Α В R В S Т S G N N Χ J X ٧ R Α 0 C ٧ R Χ C K Q ٧ Н Ρ Υ D 0 L Α T ٧ ٧ R Q S Υ ٧ В F Υ W Α Ε Н 0 L R Μ U S Н 0 G Z C S C Q Υ U Н 0 R Α Χ N 0 Χ 0 C R Q Q Ε Ρ Н Т J Α R Χ Ν G Т D Ε L Ε L Ζ S Ε G I Ζ L U В Υ Н U Υ D ١ G Ε 0 В M Т M Ε M Q R В 0 D M K Α Q В Ν Q R Υ Ν S N Ρ M L Ν 0 R Н U W В R Ρ R Κ G 0 L Q Α Χ В R R U D Z L Т Z Ζ Ζ S S D В U В Χ G Ε Χ R Χ G Ε S Ε Ε Н Ε M Ρ Н Ε R Ν Α R M M U W Q C Ε Q R Ε Q Т 0 R D 0 Н U

ellipse equinox

summer solstice

tropic of cancer

autumn counterclockwise

prograde

equator

Arctic circle

tropic of Capricorn

winter

axis

solstice

winter solstice

Antarctic circle

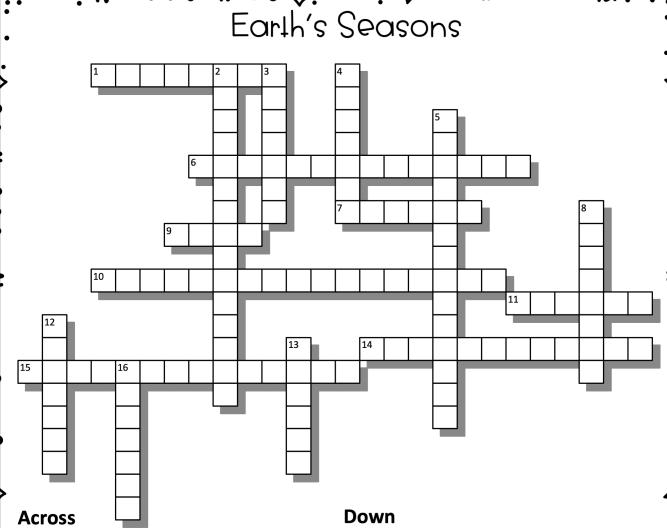
summer

spring

hemisphere

Earth

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- The counter-clockwise motion of a planet around the sun.
- 6. When the sun passes over this line, we experience the longest day of the year.
- 7. In the northern hemisphere, this season begins when the sun's direct rays pass over the Tropic of Cancer.
- 9. Earth rotates on an invisible one.
- 10. When the sun's direct rays pass over this line, the northern hemisphere experiences the shortest day of the year.
- 11. The reason we have seasons is because Earth is on its axis.
- People living above this line will experience 24 hours of daylight during the summer solstice in the northern hemisphere.
- 15. When the sun's direct rays pass over the Tropic of Cancer.

- 2. A zone exactly like the Arctic Circle but in the southern hemisphere.
- 3. A shape that resembles a flattened circle.
- 4. If Earth was not tilted, Earth would not experience any of these.
- 5. When the sun's direct rays pass over the Tropic of Capricorn.
- 8. The day the sun reaches its greatest distance either north or south of the equator.
- 12. Latin for "equal night".
- 13. In the northern hemisphere, this season begins when the sun's direct rays pass over the Tropic of Capricorn.
- 16. The imaginary line that separates the northern and southern hemispheres.

Earth's Seasons

Z S W 0 L C E Т N U 0 C Ν ٧ L C C C R R R Ε Ν Α 0 0 Q W Ε R Т C Т Ζ Α Χ 0 Ε 0 S W C Ν R Т Р Р E S C Т L 0 S Α 0 Χ Ν Н M S Χ C Τ J F R R D В L U D D D Υ S N Ν Ε T R Q R Н Н Χ G Q Ν R C J Н Ν R ٧ В Ν В Χ Ν R S Α 0 C Ρ Т S G R Χ N Χ J Χ L ٧ ٧ S Ρ D 0 Α K Q ٧ Н Υ Q S В F Н 0 U Ρ Υ Ε G L R Μ Н W C S Q Ζ 0 Χ 0 Υ Η Α Χ 0 R U Q Q Ε Ρ Н Т J L Χ Ν C G Τ D Ε Ε Н Ζ E L L U В U S G Z F Υ Υ Ε Т Ε В M Κ R В W 0 M M M Q Q W R Υ Ν S Ρ 0 R Α В Ν M Ν Н Q В R Ρ R G 0 L Q Χ В R R Ζ Т K D Ε G Ζ Χ Ζ S Χ L D Ρ В U В Ζ X ٧ R G Ε S P Ē R R Ε M U S Н M н M Υ Q Ε E C Q 0 R Α Т R Н Q U 0 D U

ellipse prograde solstice

equinox equator winter solstice

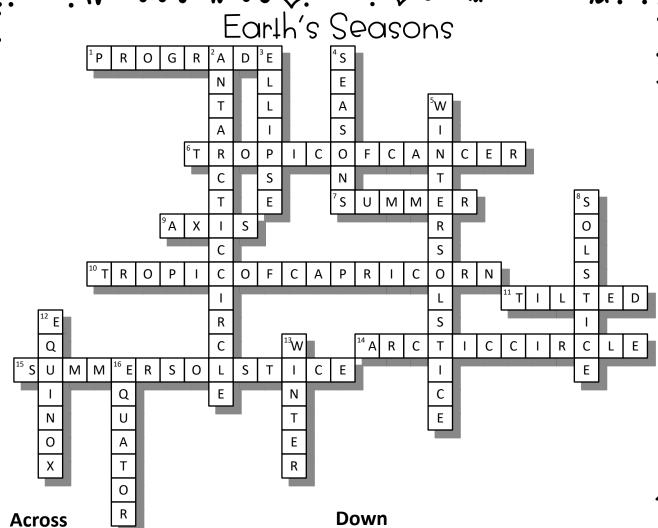
summer solstice Arctic Circle Antarctic Circle

tropic of cancer tropic of Capricorn summer

autumn winter spring

counter clockwise axis hemisphere

Earth



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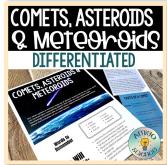
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Additional Astronomy Activities:

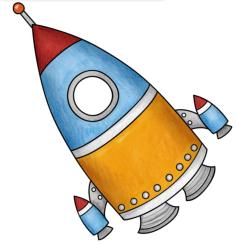




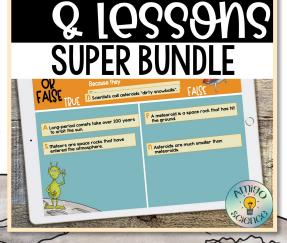












ASTRONOMY ACTIVITIES

Thanks to these clipart and font artists:







































