

EARTH MOON SUN science Writing

CONCEPTS COVERED:

- SHADOWS
- EARTH'S ROTATION & REVOLUTION
- MOON PHASES
- SUN CHARACTERISTICS
- SEASONS



GET STUDENTS EXCITED ABOUT LEARNING

HOW CAN IT BE USED?

The image displays four overlapping worksheet templates. Each template is titled 'Earth-Moon-Sun' and includes a 'Name' field. The worksheets are designed for students to answer questions and provide evidence to support their answers. The questions are:

- Worksheet 1 (Top Left):** 'How much do you know? WHY IS THERE DAY AND NIGHT?' and 'How much do you know? WHY IS THERE DAY AND NIGHT?'.
- Worksheet 2 (Top Right):** 'How much do you know? WHY ARE MANY PLACES WARMER IN SUMMER THAN IN WINTER?' and 'How much do you know? WHY ARE MANY PLACES WARMER IN SUMMER THAN IN WINTER?'.
- Worksheet 3 (Bottom Left):** 'How much do you know? YOU WANT TO TAKE PICTURES AT A TIME OF DAY WHEN THERE WON'T BE SHADOWS. PREDICT THE BEST TIME TO TAKE PHOTOS AND EXPLAIN YOUR REASONING.' and 'How much do you know? YOU WANT TO TAKE PICTURES AT A TIME OF DAY WHEN THERE WON'T BE SHADOWS. PREDICT THE BEST TIME TO TAKE PHOTOS AND EXPLAIN YOUR REASONING.'.
- Worksheet 4 (Bottom Right):** 'How much do you know? YOU WANT TO TAKE PICTURES AT A TIME OF DAY WHEN THERE WON'T BE SHADOWS. PREDICT THE BEST TIME TO TAKE PHOTOS AND EXPLAIN YOUR REASONING.' and 'How much do you know? YOU WANT TO TAKE PICTURES AT A TIME OF DAY WHEN THERE WON'T BE SHADOWS. PREDICT THE BEST TIME TO TAKE PHOTOS AND EXPLAIN YOUR REASONING.'.

Each worksheet includes a 'DID YOU INCLUDE:' section with checkboxes for:

- details and/or evidence to support your answer?
- proper grammar usage and mechanics?
- correct spelling?
- important vocabulary?

Multiple Uses in the Classroom

- TICKET OUT THE DOOR
- MORNING WORK
- SMALL GROUPS
- HOMEWORK
- SCIENCE CENTERS
- WHOLE CLASS ACTIVITIES
- PARTNER ACTIVITIES
- EARLY FINISHER ACTIVITIES
- AND SO MUCH MORE!

GET HIGH-QUALITY, ENGAGING RESOURCES

WHAT'S THE OBJECTIVE?

- TO DETERMINE WHAT STUDENTS KNOW ABOUT THE CONCEPTS RELATED TO EARTH'S SURFACE
- TO PRACTICE WRITING SKILLS IN THE SCIENCE CLASSROOM.
- TO PRACTICE PROVIDING DETAILS AND EVIDENCE TO SUPPORT THEIR SCIENTIFIC REASONING.
- TO USE SCIENTIFIC LANGUAGE AND VOCABULARY.

Name _____ <p style="text-align: center;"><i>How much do you know?</i></p> <p>WHAT IS THE DIFFERENCE BETWEEN A ROTATION AND A REVOLUTION?</p>	Earth-Moon-Sun <p style="text-align: center;"><i>How much do you know?</i></p> <p>HOW DO STARS SEEM TO MOVE DURING THE NIGHT AND YEAR?</p>	Earth-Moon-Sun <p style="text-align: center;"><i>How much do you know?</i></p> <p>COMPARE THE REVOLUTIONS OF THE MOON AND EARTH. HOW ARE THEY DIFFERENT? HOW ARE THEY ALIKE?</p>

DID YOU INCLUDE:

- ☐ details and/or evidence to support your answer?
- ☐ proper grammar usage and mechanics?
- ☐ correct spelling?
- ☐ important vocabulary?

SAVE TIME PLANNING WITH DETAILED ACTIVITIES

WHAT'S INCLUDED?

- PRINTABLE OPTIONS – HALF PAGE AND FULL PAGE
- DIGITAL VERSION
- EDITABLE PAPER VERSION SO YOU CAN TYPE YOUR OWN QUESTIONS!
- 22 QUESTIONS TOTAL!
- ANSWER KEY & A RUBRIC
- A CHECKLIST FOR STUDENTS

The image shows a stack of five sample questions from the 'Earth-Moon-Sun' unit. Each question card has a header 'How much do you know?' and a 'DID YOU' section. The questions are:

- WHAT IS THE SUN?
- WHY IS THE SUN BRIGHTER THAN OTHER STARS?
- WHAT IS THE DIFFERENCE BETWEEN A ROTATION AND A REVOLUTION?
- HOW WOULD EARTH BE DIFFERENT IF IT WEREN'T TILTED ON ITS AXIS?
- ON EARTH THE MOON APPEARS TO RISE AND SET. IF YOU LOOK AT EARTH FROM THE MOON, WOULD EARTH APPEAR TO RISE AND SET? EXPLAIN WHY OR WHY NOT.

Each question card also has a 'DID YOU' section with a checklist for students to follow:

- ☐ details and evidence to support your answer?
- ☐ proper grammar usage and mechanics?
- ☐ correct spelling?
- ☐ important vocabulary?

TAKE YOUR WEEKENDS BACK TO DO WHAT YOU LOVE!

SAVE MONEY AND GRAB THE BUNDLE!

Earth Science Bundle

- CYCLES AND SYSTEMS
- EARTH CHANGES
- EARTH'S SURFACE
- EARTH MOON SUN
- FOSSILS
- NATURAL RESOURCES
- ROCKS AND MINERALS
- SOIL
- SOLAR SYSTEM
- WEATHER

Life Science Bundle

- ADAPTATIONS
- ANIMALS
- CELLS AND MICROBES
- ECOSYSTEMS
- GENETICS
- HUMAN BODY SYSTEMS
- LIFE CYCLES
- PLANTS

Physical Science Bundle

- CHEMICAL AND PHYSICAL CHANGES
- ELECTRICITY AND MAGNETISM
- ENERGY
- FORCE AND MOTION
- MATTER
- SIMPLE MACHINES
- STATES OF MATTER
- WAVES

IT ALL STARTS HERE!

Take **BACK YOUR**
WEEKENDS without
SACRIFICING
high-quality **RESOURCES!**



The Owl Teacher