



WINTER BREAK LEARNING PACKET

STEM

1ST GRADE STUDENT

DEC 22ND – JAN 5TH

DEPARTMENT OF CURRICULUM & INSTRUCTION

Memphis-Shelby County Schools offers educational and employment opportunities without regard to race, color, religion, sex, creed, age, disability, national origin, or genetic information

TABLE OF CONTENTS

WEEK ONE - DECEMBER 22-26, 2025

STANDARD: 1.ESS1.1 Use observations or models of the sun, moon, and stars to describe patterns that can be predicted.

ACTIVITY I

- Read the book passage and look at the diagrams in the book.
 - Answer the questions using the passage.
 - Then draw a picture of each season in the correct order.
-

WEEK TWO - DECEMBER 29 - January 2, 2026

STANDARD: 1.ESS1.3 Make observations to predict patterns between sunrise and sunset, and the change of seasons.

ACTIVITY II

- Use the book passage to match each season with the sentence that best describes it. Draw a line.
- Then explain what causes seasons and draw a picture.

WEEK ONE - DECEMBER 22-26, 2025

STANDARD: 1.ESS1.1 Use observations or models of the sun, moon, and stars to describe patterns that can be predicted.

ACTIVITY I



Name: _____

ACTIVITY I

Use the book pages above to answer the questions.

1. What cause day and night on Earth?

2. What causes seasons on Earth?

Draw a picture of the four seasons in the correct order. Label the season in the bottom box.

WEEK TWO - DECEMBER 29 - January 2, 2026

STANDARD: 1.ESS1.3 Make observations to predict patterns between sunrise and sunset, and the change of seasons.

ACTIVITY II



Name: _____

ACTIVITY II

Use the book from Activity I. Match each season with the sentence that best describes it. Draw a line.

Spring	In the Southern Hemisphere, trees lose their leaves, daylight is shorter, and the temperature becomes low and cold.
Summer	The flowers begin to bloom, and the weather starts to get hot.
Fall	In the Northern Hemisphere, trees and grass are growing green, daylight is longer, and the temperature becomes higher and hotter.
Winter	The leaves on the trees begin to turn colors and fall off the trees, and the weather starts to get cool.

Explain what causes seasons and draw a picture.

Explain:

ANSWER KEY

ACTIVITY I

Use the book pages above to answer the questions.





1. What cause day and night on Earth?

Earth spinning cause day and night.



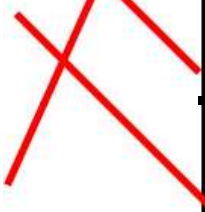
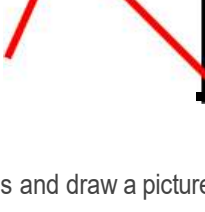
2. What causes seasons on Earth?

Earth's tilt causes seasons.

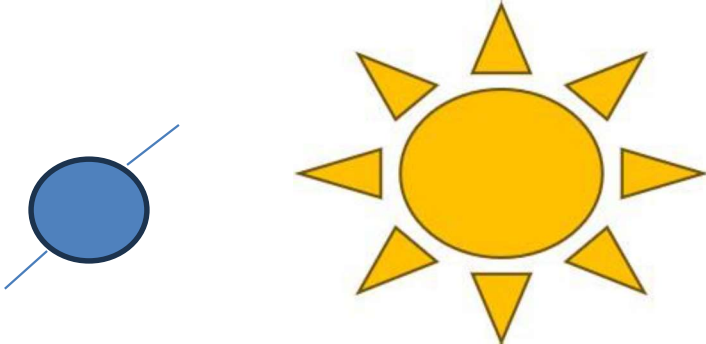
Draw a picture of the four seasons in the correct order. Label the season in the bottom box.

			
Winter	Spring	Summer	Fall

Use the book from Activity I. Match each season with the sentence that best describes it. Draw a line.

Spring		In the Southern Hemisphere, trees lose their leaves, daylight is shorter, and the temperature becomes low and cold.
Summer		The flowers begin to bloom, and the weather starts to get hot.
Fall		In the Northern Hemisphere, trees and grass are growing green, daylight is longer, and the temperature becomes higher and hotter.
Winter		The leaves on the trees begin to turn colors and fall off the trees, and the weather starts to get cool.

Explain what causes seasons and draw a picture.



Explain:

Earth's tilt causes earth's seasons.