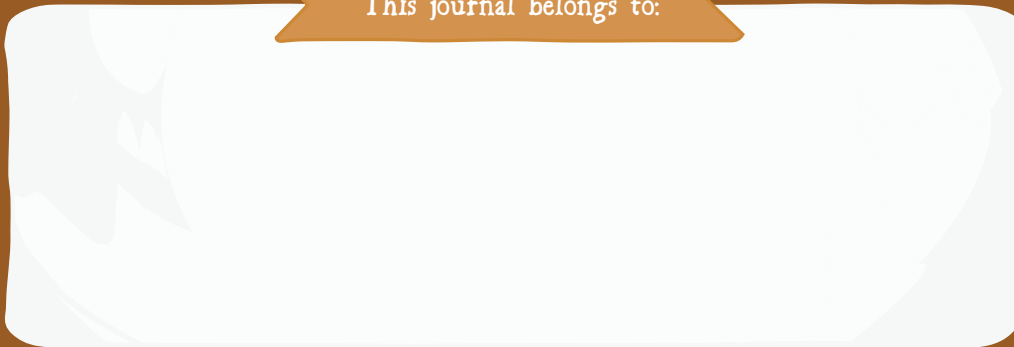


ECOSYSTEMS

Grades 3-6

STUDENT JOURNAL

This journal belongs to:



THE GOOD AND THE BEAUTIFUL

INSTRUCTIONS

This student journal accompanies *The Good and the Beautiful Ecosystems* science unit. It contains all the worksheets and journal pages that are needed to complete the unit. Each student will need his or her own copy of the science journal.

Have each student take his or her time to create high-quality work as the activities and worksheets are completed. Students may enjoy looking back on their past discoveries when they've finished.



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ECOLOGY AND OUR WORLD

Write or draw a picture to answer each of the five questions below.

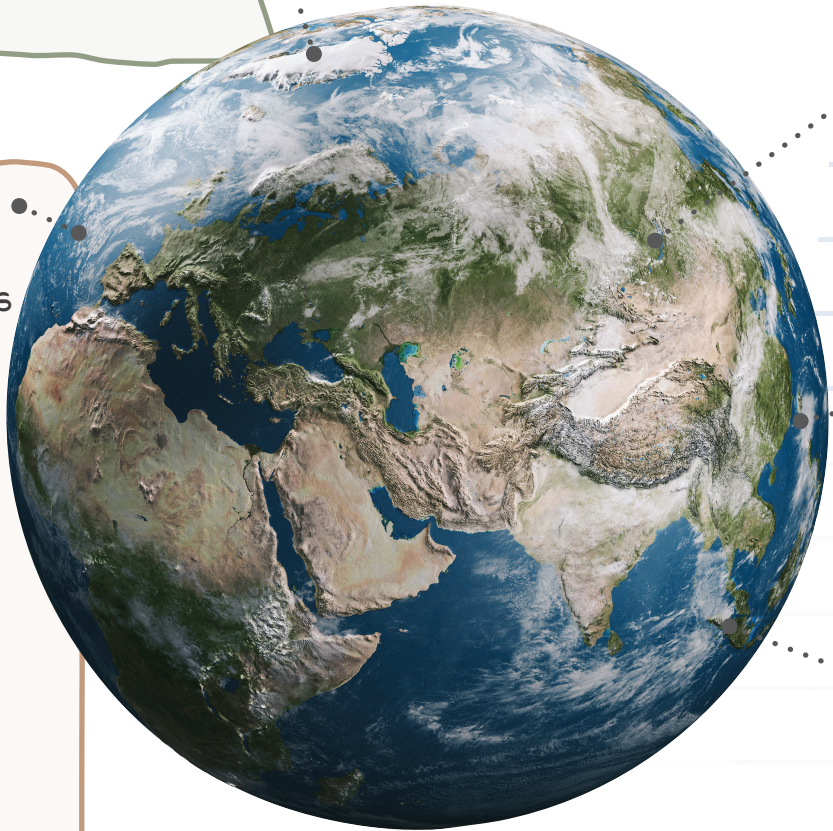
1

What is one way ecologists care for the earth?



2

What is one way that humans interact with nature?

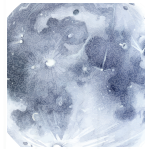


BIOTIC VS. ABIOTIC

Determine whether each item from the "Creation Cards" activity is biotic (living) or abiotic (nonliving). In the circle next to each image, write a "B" if the item is biotic or an "A" if the item is abiotic.



Sun



Moon



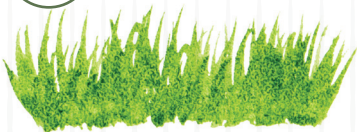
Stars



Land (Earth)



Seas



Grass



Seeds



Fruit Trees

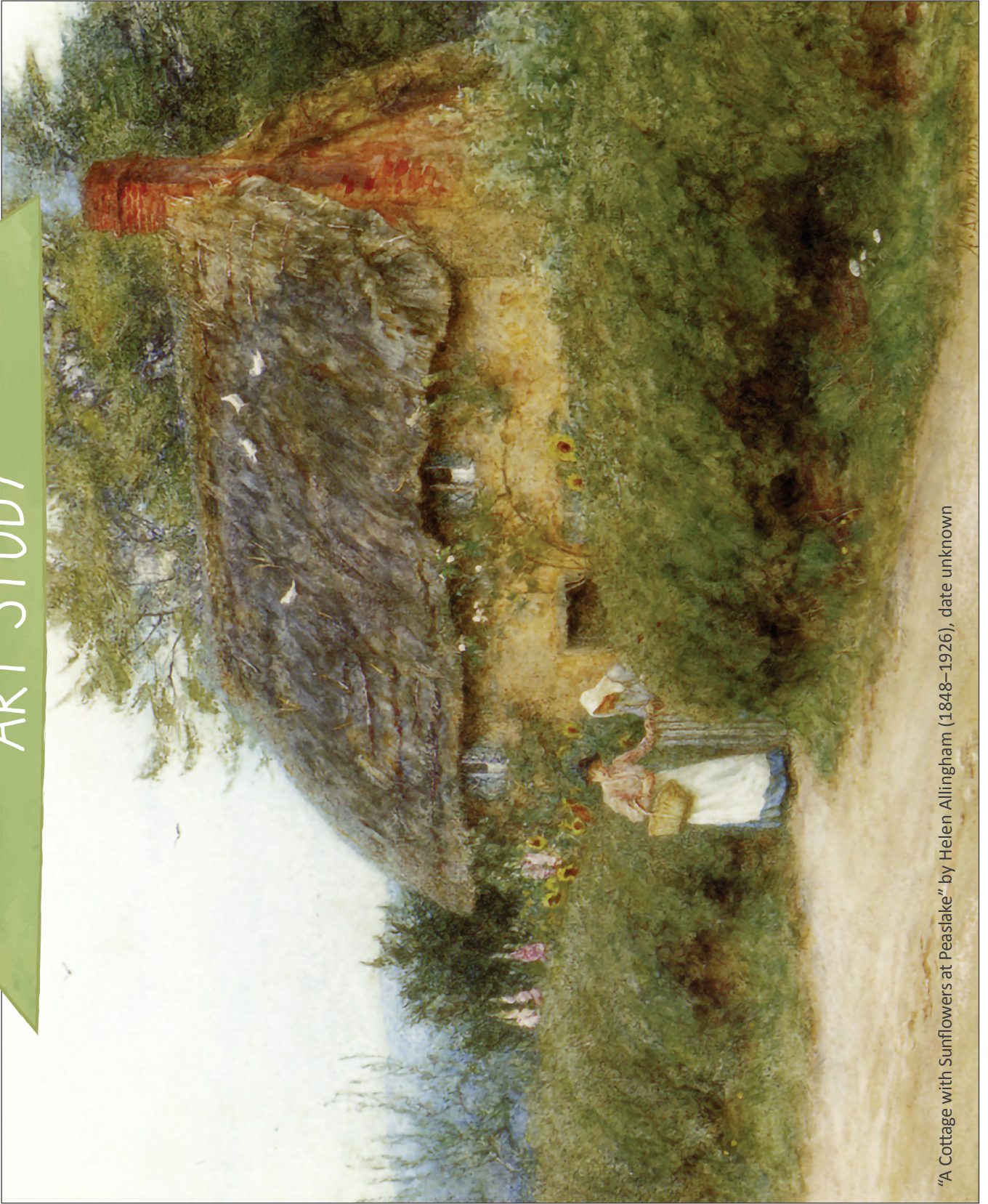


Animals



Humans

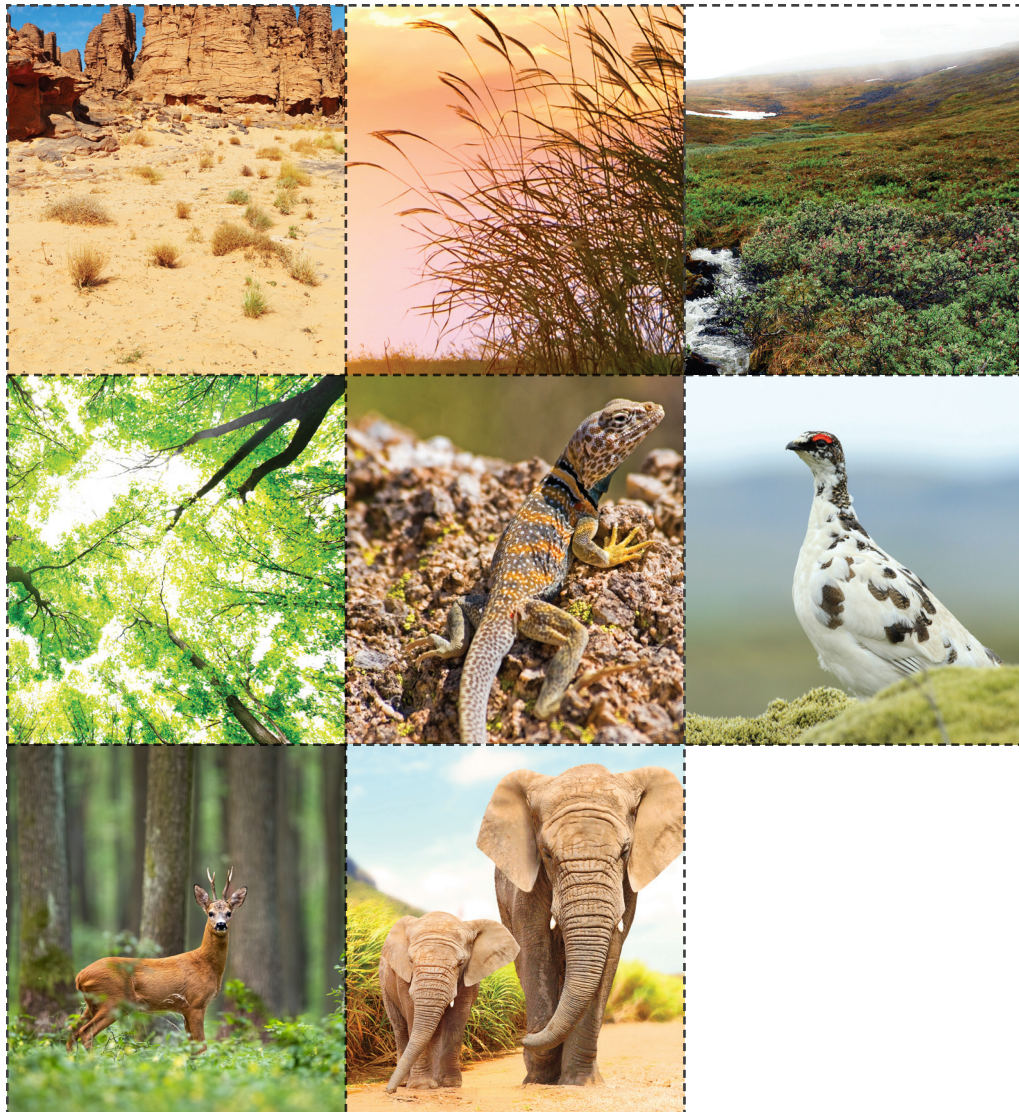
ART STUDY



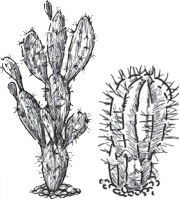
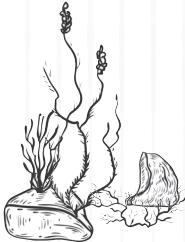


"A Cottage with Sunflowers at Peaslake" by Helen Allingham (1848–1926), date unknown

TERRESTRIAL BIOMES PHOTOGRAPHS

Cut out the photographs below and glue each one in its correct space on the "Terrestrial Biomes" chart on the following page. Then fill out the climate checklist for each biome.



TERRESTRIAL BIOMES

Biome	Photo	Types	Climate Check all that apply	Plants & Animals
Desert 	Glue photo here	<ul style="list-style-type: none"> • Arid • Semi-arid • Cold • Coastal 	<u>Temperature:</u> <input type="checkbox"/> hot <input type="checkbox"/> cold <input type="checkbox"/> moderate <u>Precipitation:</u> <input type="checkbox"/> little <input type="checkbox"/> heavy <input type="checkbox"/> moderate <u>Moisture:</u> <input type="checkbox"/> dry <input type="checkbox"/> humid	Glue photo here
Tundra 	Glue photo here	<ul style="list-style-type: none"> • Arctic • Alpine • Antarctic 	<u>Temperature:</u> <input type="checkbox"/> hot <input type="checkbox"/> cold <input type="checkbox"/> moderate <u>Precipitation:</u> <input type="checkbox"/> little <input type="checkbox"/> heavy <input type="checkbox"/> moderate <u>Moisture:</u> <input type="checkbox"/> dry <input type="checkbox"/> humid	Glue photo here
Grasslands 	Glue photo here	<ul style="list-style-type: none"> • Prairie • Steppe • Savanna • Pampas • Downs 	<u>Temperature:</u> <input type="checkbox"/> hot <input type="checkbox"/> cold <input type="checkbox"/> moderate <u>Precipitation:</u> <input type="checkbox"/> little <input type="checkbox"/> heavy <input type="checkbox"/> moderate <u>Moisture:</u> <input type="checkbox"/> dry <input type="checkbox"/> humid	Glue photo here
Forest 	Glue photo here	<ul style="list-style-type: none"> • Tropical Rainforest • Boreal (Taiga) • Temperate 	<u>Temperature:</u> <input type="checkbox"/> hot <input type="checkbox"/> cold <input type="checkbox"/> moderate <u>Precipitation:</u> <input type="checkbox"/> little <input type="checkbox"/> heavy <input type="checkbox"/> moderate <u>Moisture:</u> <input type="checkbox"/> dry <input type="checkbox"/> humid	Glue photo here

ECOLOGICAL SUCCESSION

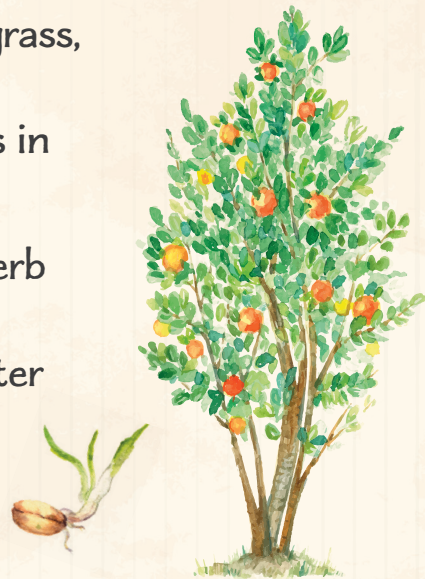
With your parent or teacher, read and discuss the verses below from the Bible. Then complete the page by identifying and drawing three pictures of the sequence of succession for the fruit tree as mentioned in these verses.

And God called the dry land Earth: and the gathering together of the waters called he Seas: and God saw that it was good.

And God said, Let the earth bring forth grass, the herb yielding seed, and the fruit tree yielding fruit after his kind, whose seed is in itself, upon the earth: and it was so.

And the earth brought forth grass, and herb yielding seed after his kind, and the tree yielding fruit, whose seed was in itself, after his kind: and God saw that it was good.

—Genesis 1:10–12



First the earth
brought forth ...

and then ...

and then ...