Activities (Weeks: 1-4, Monday - Friday) This month you will focus on energy in an ecosystem.

The bird population will increase, their			-	. C		
increase.	•		and insert the	Calculate the average number of each animal for all three days and insert the		
The bird population will decrease. The bird population will decrease, then	c) T		and three	one turtle, three rabbits, and three spiders.	og, 2	and 3 and the average will be added later. Day 1: 5 squirrels, 10 birds, 1 frog, 2 turtles, 1 rabbit, and 6 spiders
most likely to happen?	most likel	•		On the third day, the scientist observed three squirrels, seven birds, three frogs,	r Days 2	column for the average. Data for Days 2
In an ecosystem, birds depend on insects to survive. If someone spreads pesticide to control the insect population, which of the following is		axis and add a title to the graph.		squirrels, six birds, two nogs, zero turtles, two rabbits, and two spiders	Be sure to s, create	ecosystem in a one-hour period. Be sure to give the table a title. In the table, create columns for Day 1 Day 2 Day 3 and a
provide an explanation for your reasoning on selecting that answer choice.	ب _{ر د}	the average number of each animal from the data table.	of four	observed the following number of animals in the same ecosystem: four	mals cular	Use the information below to create a data table showing the number of animals observed by a scientist in a particular
irmal ancier the question help		Day 14	-	Days 12 and 13	,	Day 11
ecosystem.	ls producer	Provides shelter for animals, food for squirrels	Oak tree	oxygen (for animals		
consumers and decomposed	Consumer, or Decomposer?	ę	Forest Ecosystem		Ecosystem Air	
 Explain how producers 	OW. Producer,	of organisms. See the sample below Living Parts of a Role of the Living Part	of organisms. S	Parts Kolc of the Part	of an	from an ecosystem.
a food chain are different.	least one example from each of the three categories	ple from each of the	least one exam	┨	below.	decomposers were missing
Explain how a food web and	sure to include at	decomposer in column three. Be sure to include at	decomposer in	second column. See the sample	second c	would happen if
responses to the following:	sumer, or	and whether it is a producer, consumer, or	and whether it	and the role the part has in the	and the r	ecosystem. Describe what
your journal, write your	art in column two,	column one, the role the living part in column two,	column one, th	listing the parts in one column	listing th	they are very important in an
discovered about ecosystems. In	he living parts in	parts of a forest ecosystem. List the living parts in	parts of a fores	of an ecosystem. Make a chart	of an eco	"decomposers." Explain how
Think about what you have	me of the living	Make a three-column chart on some of the living	Make a three-c	Think about the nonliving parts	Think ab	Think about the role of
Day 10		9	Days 8 and 9		Day 7	Day 6
paragraph form.						and a water source.
explanations should be written in				,	food.	consumers, decomposers,
years. Remember that scientific		nergy flows.	direction that energy flows.	from how animals get their	from hov	include: Producers,
suddenly blocked out for 20	an arrow to point from grass to a rabbit to show the	int from grass to a	an arrow to poi	describe how this is different	describe	ecosystem. Be sure to
would change if the sun were	arrows to show the flow of energy. For example, use	the flow of energ	arrows to show	get their food. In your journal,	get their	Draw a picture of an
describing how life on Earth	the diagram, use	get their energy from the sun. In the diagram, use	get their energy	in 5th grade about how plants	in 5th gra	What is an ecosystem?
Write a scientific explanation	now how animals	Draw a model (a food chain) to show how animals	Draw a model (Think about what you learned	Think ab	Review/Research Question:
			Day T		Dayo	Days Land 2

Days 16 and 17

the following questions: Read the Coral Ecosystems reading passage and answer

- 1. How do the ocean's fish populations depend on the coral reef?
- 2. What nickname is given to the coral reefs?3. How do people benefit from coral reefs?

visits to a beach or lake. Have you seen any Think about images you have seen of a beach or experiences that you have had on your own our water ecosystems. have seen and what humans can do to improve things that did not belong? Describe what you

Days 19 and 20

a new museum. You have been asked to design a forest ecosystem exhibit. Draw and label a plan/design for the Imagine that you have been hired as an exhibit designer exhibit.

Activities (Weeks: 5-6, Monday – Friday) This month you will focus on the work of scientists and engineering and Earth's place in the universe and our impact on Earth.

Write a 1-minute public service announcement explaining how important it is to maintain a healthy planet for our survival.	Sometimes rain and runoff cause litter to end up in rivers and lakes. We can prevent litter and trash from ending up in our waterways by recycling and putting trash where it belongs. Most areas now have recycling programs. Think about how recycling works where you live. Make a list of things that you can do to help.	Precipitation comes in various forms. Name some of the types of precipitation. Please explain why it exists as different types.	Day 26 Draw and label a diagram of the water cycle using the following labels: Precipitation Evaporation Runoff Condensation Groundwater
Research popular constellations like the Big Dipper or Orion. Place about ten random dots (or stars) on a page and make your own constellation. Write a creative short story about the new constellation.	View the data table below. Would you expect the number of days for Saturn to be higher or lower than the number of days for Jupiter? Explain your answer. Planet Number of Days to Orbit the Sun (in Earth days) Mercury 88 Venus 225 Earth 365 Mars 687 Jupiter 4,333 Saturn ? Uranus 30,687 Neptune 60,190	Describe how the sky looks in the daytime versus how the sky looks at night. Explain what causes this difference.	Think about what you already know about what kinds of things scientists and engineers have helped us learn about space. Create a list of things that we have discovered about space.