ACHAINES (AACERS 1-4, IATOMAA) TITAA) TITAA	OHUMY - THUMY / THIS IN	CHICK YOU WANT TOOKS OF THE		TO SEE STREET STREET,
Day 1	Day 2	Day 3	Day 4	Day 5
Write a scientific	Journal Entry: Explain the	Draw a model of the water	Journal Entry: Explain	Visit the USGS Water
explanation describing why	states of matter of water	cycle. In the model, be sure to	how thermal energy	Science School to read
it is important for scientists	and describe where each	include the following terms:	powers the water cycle.	about the data that scientists
to monitor the water in our	state of matter may be	1		collect on Earth's water.
oceans.	found.	Evaporation		https://water.usgs.gov/ed
		I ranspiration		u/qa-measure-data.html
		Punoff	o v	In your journal, explain
		Complicator		how this data is helpful to
		Condensation		the public.
Day 6	Days 7, 8, and 9			Day 10
Complete the water use	Interview 5 family members	Interview 5 family members or close friends using the following	ing questions:	After reflecting on the
assessment for your home.	1. Do you leave the water ru	1. Do you leave the water running when you brush your teeth?		what you might do to help
tivity-percapita.html	2. Have you ever timed how	2. Have you ever timed how long you were in the shower? Did it	id it make you think about	others conserve water.
The the results to brainstorm	taking a shorter shower?			
ways that you can cut down	3. In what ways have you tried to limit your water use?	ied to limit your water use?		
on your water usage.				
Davis 11 15				

## Days 11-15

drinking glass (smaller surface area). Be sure to design a tool for collecting the data. This investigation should be observed over the next two weeks. designing the investigation, determine how the water level will be monitored. (Tip: Compare how water evaporates from a bowl (wide surface area) and Review the water cycle model from Day Three. Think about where surface water evaporates from. Design an investigation in your home to compare how the width of the surface of the body of water affects the rate of evaporation. Keep in mind the independent and dependent variables. When

Things to think about:

What things need to be kept the same on the water sources that are being compared (the constants)?

What materials are needed?

Where should the investigation be kept so that it is undisturbed by others?

## Days 16 and 17

Research the use of reservoirs for water storage. Describe how they are used.

In Los Angeles, California, officials have come up with a way to slow the evaporation of water from California Reservoirs. Research this idea and explain how it works.

\*Check the water levels of your evaporation investigation.

## Day 18

Answer the following question: Why is water so important to living things?
In your response consider:

\*Check the water levels of your evaporation investigation.

it, how humans use it in every day life.

how animals get food, how plants use

## Days 19 and 20

Every day Americans drink many bottles of water. Read the information at the site below and write an explanation to discuss why other water containers should be used. Be sure to support the explanation with evidence. https://www.banthebottle.net/bottled-water-facts/

\*Check the water levels of your evaporation investigation.

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Day 26  Describe two ways that plants and animals are alike and two ways that they are different. Write the response in paragraph form.  Day 27  Day 28  Bacteria are organisms that have an important role. Research beneficial bacteria and develop a bulleted list of at least 10 ways that bacteria help an ecosystem and organisms within an ecosystem.  Day 29 and 30  Write a 1-minute public servic and develop a bulleted list of at least 10 ways that bacteria have an important role. Write a 1-minute public servic explaining how it is important and develop a bulleted list of at least 10 ways that bacteria waterways for healthy humans within an ecosystem.	Analyze the results of the evaporation investigation.  Write a conclusion supported by the data from the investigation.  Think about the types of evaporation investigation.  Think about the types of evaporation investigation.  Where you live (excluding pets). Make a list of at least the investigation.  In animal, describe what they were doing.  Think about the types of animals on trees exist in this area.  The pets of animals on trees exist in this area.  The pets of animals on trees exist in this area.  The pets of animals on trees exist in this area.  The pets of animals on trees exist in this area.  Think about the types of animals on trees exist in this area.  The pets of animals on the pets of animals of the pets of animals of the
Days 29 and 30 Write a 1-minute public service announcement explaining how it is important to maintain healthy waterways for healthy humans, plants, and animals	rent types of in this area.  lem have change color the ground in onths.  he difference nat do not lor