# Kepr on Learning! My At-Home Learning Packe† 

Name


## ELA | <br> GIAN PANDAS

Pandas live mainly in the temperate forests of southwest China. They live high in the mountains, eating mostly bamboo.

## TEMPERATE FORESTS

A temperate forest is a forest found between the tropics and boreal regions. They have a moderate climate. They are called "four-season forests" because they experience all four seasons.

These forests are cool, wet, and misty. Pandas may climb up to 13,000 feet high to feed on their bamboo.


## PANDA LIFESTYLE

Giant pandas are solitary. In fact, males use their sense of smell to avoid each other. Females give birth to a cub or two. The cubs are born blind and weigh only 5 ounces. They will begin to crawl at three months. They are born white and won't develop their color until later.

Pandas eat about 26 to 84 pounds of bamboo each day. They have an insatiatiable appetite. A typical panda eats half of the day. That means they spend 12 hours eating! Although their main diet is bamboo, they may sometimes eat birds or rodents.

If pandas are eating half the day, what else do they do? Pandas are very good tree-climbers and swimmers.

## PANDAS \& THE ENVIRONMENT

Giant pandas play a crucial role in their forest habitat. They help keep the mountain forest healthy by spreading seeds. With all of that bamboo eating, pandas relieve themselves dozens of times a day. This is how many seeds are spread. This seed dispersal helps the forest thrive.

Sadly, pandas are vulnerable due to habitat loss. There are currently a little over 1,800 pandas in the wild. Zoos and other breeding centers are helping to save these big, beautiful creatures. Laws and other policies help protect them as well.

## ELA I

## GIAN PANDAS

## Name

$\qquad$ Date: $\qquad$

| 1. What does the word insatiable mean? | 2. How many pandas are in the wild? | 3. What is one way pandas use their sense of smell? |
| :---: | :---: | :---: |
| 4. Why are pandas considered "vulnerable"? | 5. Where do pandas live? | 6. What does the word solitary mean? |
| 7. What is "seed dispersal"? | 8. How do pandas help their forest environment? | 9. What are people doing to help pandas? |

## A PANDA STORY

Name $\qquad$ Date: $\qquad$
Directions:
Write a story in which the main character is a panda. Use this page to plan out your story using the following story elements. Write your story on the next page.

| Main Character | Cast of <br> Characters | Setting |
| :---: | :---: | :---: |
| Main Problem | Solution <br> What do your <br> characters <br> learn?) |  |
| Beginning |  | Theme <br> Middle |

ELA 3

> A PANDA STORy

## Math 18

## COMPARING NUMBER

Name $\qquad$ Date

| Compare. Use $<,>$, or $=$. | Compare. Use $<,>$, or $=$. |
| :--- | :--- |

## $846 \bigcirc 864$

Compare. Use <, >, or =.
Compare. Use <, >, or =.


364

412
421

Compare. Use <, >, or =.
Compare. Use <, >, or =.


## Math I

## PANDA Place Value

Name $\qquad$ Date $\qquad$

There are just a little over 1,800 pandas in
Add. the wild. Which of the following numbers round to 1,800 when rounded to the nearest hundred?

What is the place value of the 8 in 1,800 ?

## 499 <br> + 329

A panda can eat up to 84 pounds of bamboo each day. What is this number rounded to the nearest hundred?
a. 70
b. 80
c. 90
d. 100


Find the value of the underlined digit.

## 546

Find the value of the underlined digit.
459
How many times greater is the value of the 4 in $\mathbf{4 5 9}$ than the value of the 4 in $\mathbf{5 4 6}$ ?

A panda four hundred thirty-five feet. Write this number in standard form.

## Science I

# PANDA LIFE CYCLE 

## NAME

$\qquad$ DATE $\qquad$

Use the text to write and explain each part of the panda's life cycle. Use the vocabulary to help you label and describe each picture.

## Word Bank

## newborn mature adult <br> baby cubhood bamboo blind



## Grouping Animals

## NAME

DATE $\qquad$

## Directions:

Write the group of animal next to its description. Then, draw a picture $f$ an example.

## fish <br> reptiles <br> mammals <br> amphibian birds

| Group | Picture | Description |
| :---: | :---: | :---: |
|  |  | - spend their entire lives in fresh water, ocean water, or both <br> - have scales <br> - breathe through gills |
|  |  | - have hair at least part of their lives <br> - breathe air through lungs <br> - feed milk to their young |
|  |  | - have feathers and bills <br> - do not have teeth <br> - breathe air through lungs <br> - wings and light bones |
|  |  | - spend part of their lives on land and part in water <br> - young get oxygen through gills and skin <br> - develop lungs to breathe air |
|  |  | - have dry, scaly skin <br> - breathe air through lungs |

## ELA 5

## My Shadow

by Robert Louis Stevenson
I have a little shadow that goes in and out with me, And what can be the use of him is more than I can see. He is very, very like me from the heels up to the head; And I see him jump before me, when I jump into my bed.

The funniest thing about him is the way he likes to growNot at all like proper children, which is always very slow; For he sometimes shoots up taller like an india-rubber ball, And he sometimes gets so little that there's none of him at all.

He hasn't got a notion of how children ought to play, And can only make a fool of me in every sort of way. He stays so close beside me, he's a coward you can see; I'd think shame to stick to nursie as that shadow sticks to me!

One morning, very early, before the sun was up, I rose and found the shining dew on every buttercup; But my lazy little shadow, like an arrant sleepy-head, Had stayed at home behind me and was fast asleep in bed.


1. From whose point of view is the poem told?
a. an old man
b. a child
c. a shadow
d. a cat
2. What is the author describing in the second stanza?
a. How his shadow follows him around
b. That his shadow is different sizes at different times
c. That his shadow embarrasses him
d. That his shadow stayed in bed that morning
3. How many stanzas are in this poem? $\qquad$
4. How many lines are in this poem? $\qquad$
5. Which statement below best describes the rhyme scheme (pattern) in the poem?
a. Every other line rhymes.
b. There are no rhyming words.
c. The last line of each stanza rhymes.
d. The first and second lines rhyme of each stanza.

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## Science 7

## LIVING OR NOMIIVING?

Name $\qquad$ Date $\qquad$
Decide whether each thing is living or nonliving. Write living or nonliving
(arock

## Fis WHY THE OCEAN IS SALTY

Have you ever wondered why the ocean is salty? This is a question that a lot of children have asked before. So many children around the world have asked this question so many times that almost all cultures and countries have a different story to explain it. In the Philippines, a country surrounded by water, there are even multiple versions of this myth.

According to legend, the ocean was not always salty. The people in the Philippines used their boats to cross the sea to get salt from a mountain of salt across the sea.

One day, the village people ran out of salt. But they didn't want to cook without salt. They needed the salt to make their food more delectable and tasty. However, they could not cross the sea because of strong winds and huge waves. The villagers wondered how they could get to the mountain of salt. Then one of the villagers said, "Let's ask Ang-ngalo for help!"

Ang-ngalo was a giant that lived in a mountain near the village. He was a friendly giant who was always ready to help the villagers.
"Ang-ngalo," called the villagers, "please help us, we need to get to the mountain of salt."
The giant agreed to help the villagers. He sat on the shore and spread his leg across the ocean. "Cross my leg and use it as a bridge," he told the villagers.

So the villagers took their empty sacks and pails and crossed the giant's leg.
But the giant did not notice that he had placed his heel on an anthill! Big, red ants, started crawling on his foot and biting the giant. It was itchy and painful! Ang-ngalo waited until the last villager had crossed. Then, he bent his leg so that he could wash the ants off in the ocean. He felt better after washing the ants off. He was relieved.

After a while, the villagers shouted and waved at Ang-ngalo. "Ang-ngalo, stretch your leg out again, we're ready to go home!" But Ang-ngalo was scared he would get bitten again. He was terrified of the ants.

The villagers could not believe that the big giant like him would be so scared of the tiny ants. "Please Ang-ngalo, we need salt for our meat and fish!"

Ang-ngalo, because he was really kind, didn't want to let the villagers down. So sat down again and stretched his leg. The villagers started climbing and making their way back to their village.
"Hurry, the ants are biting me again!" cried Ang-ngalo.
But the villagers really did not take him seriously. They walked leisurely, telling stories, and laughing along the way.


## ERA 7

Soon, the ants started crawling up the giant's leg. The giant couldn't take it anymore! It was really itchy and very painful and the bites were burning. He couldn't keep his leg still. He moved his leg and dipped it in the water.

Suddenly, the villagers fell in the ocean, along with their sacks and pails of salt!
Ang-ngalo quickly rescued all the villagers, and everyone was saved.
Unfortunately, all the pails and sacks of salt fell into the ocean.
All of the salt was dissolved into the water.
This is why the ocean is salty.


## Reading Comprehension Questions

1. Which details best describe the setting in this story?
a. many years ago in the Philippines
b. a few years ago in the Philippines
c. last week in Hawaii
d. during the Civil War
2. What caused Ang-ngalo to dip his leg into the water?
a. ants were tickling him
b. the villagers were too heavy
c. he was getting too hot
d. ants were biting him
3. Which of the following best describes Ang-ngalo's personality?
a. intimidating
b. helpful
c. afraid
d. embarrassed
4. What does the word delectable mean?
a. something that smells really good
b. something that tastes really good
c. something that does not taste good
d. something you can eat with your fingers
5. According to this myth, explain why the ocean is salty in your own words. $\qquad$

## Math 7

Name
Date

| Jackson filled a container with wat |
| :--- |
| How many millilers of water are in |
| Jackson's container? |
| Estimate how much liquid volume | there will be if the container is filled.

a. more than 1 liter
b. about 1 liter
c. less than 1 liter

Which unit of measurement would you use with this measuring tool?
a. centimeters
b. grams
c. inches
d. liters


Chloe filled her backyard pool with water. Estimate how much liquid volume there will be if the container is filled.
a. about 2 gallons
b. about 2,000 milliliters
c. about 2 liters
d. about 2,000 gallons


Lily picked the biggest strawberry she could find. What unit of measure should she use to figure out the mass of the strawberry?
a. pound
b. kilogram
c. inches
d. gram



Which measurement tool should Felicia use to measure how long her desk is?
a. graduated cylinder
b. ruler
c. thermometer
d. scale


## Math 10


What unit of measure should you use? What unit of measure should you use?

## Science II

## SOLD. IIQUID, OR GAS?

Name $\qquad$ Date $\qquad$
Decide whether each object is a solid, liquid, or gas.
steam from a bowl of soup

## Science 12

## states of Mat+er

Name $\qquad$ Date $\qquad$
Directions: Complete the questions below.


1. What is matter?
a. any living thing
b. anything that takes up space
c. a solid
d. something you cannot see
2. What are the 3 states of matter? $\qquad$
3. Which state of matter has a defined shape? $\qquad$
4. Which state of matter has no defined shape and no defined volume? $\qquad$
5. Which state of matter has a defined volume but no defined shape? $\qquad$

Classify the matter below into SOLLD, LICULD, OR GAS.

| steam | wood rain | water vapor | rock |
| :---: | :---: | :---: | ---: | :---: |
| pencil | cell phone milk | notebook | air |


$\qquad$
Date $\qquad$ Idioms

An idiom is a word or phrase which means something different from its literal meaning. Idioms are common phrases or terms whose meaning is changed, but can be understood by their popular use.

Directions: Read the sentences and choose the correct meaning of the underlined idiom.

1. I looked at the cast list for the play. Right next to the lead role was my name! For the rest of the day, I was walking on air.
a. my feet were floating on the ground
b. extremely happy
c. my shoes have air in the soles
d. extremely upset
2. "Don't beat around the bush!", exclaimed Molly. "Just tell me how you did on your Math test!."
a. finish some gardening work
b. to avoid getting to the main points of a subject
c. use a broom to hit bushes
d. tell someone the main points of your topic
3. When our teacher began talking about our field trip, I was all ears!
a. my body turned into ears
b. listening eagerly and carefully
c. to halfway listen
d. to only listen with one ear
4. Emily's soccer team had a rough season. They had lost four games in a row. However, they won the next six games and were now going to the playoffs. "You girls really know how to land on your feet!" Emily's coach stated.
a. to win a game
b. to be soccer champions
c. to have success after facing challenges
d. to jump without falling on the ground
$\qquad$
Date $\qquad$
An idiom is a word or phrase which means something different from its literal meaning. Idioms are common phrases or terms whose meaning is changed, but can be understood by their popular use

Directions: Read the sentences and choose the correct meaning of the underlined idiom.


Time to hit the books!

1. My brother is such a couch potato. After 6 hours of watching TV and eating potato chips, my mom finally made him go play with his friends. That didn't last long. He came back a short while later to watch even more TV.
a. to eat potato chips on the couch
b. to become a potato on the couch
c. to lay around on the couch and not exercise
d. to play outside
2. Tracy handed me a pencil before I could even ask her for one. One day I tripped in class. Tracy helped me up and made sure I was okay. Then during lunch, she gave me one of her chocolate chip cookies because she knows they are my favorite. She really has a heart of gold.
a. very kind and good-natured
b. a heart necklace made of gold
c. a hard heart made of gold
d. her organ is made of the mineral gold
3. Jeremy wanted new shoes. He knew the exact ones they wanted. They were black hightops with white stripes. Grandma thinks they cost an arm and a leg. Jeremy still hopes he will get them for his birthday.
a. he will have to trade his arm and leg for the shoes
b. very expensive
c. the shoes are the same price as an arm and a leg
d. the shoes aren't that much money
$\qquad$ Date $\qquad$
An idiom is a word or phrase which means something different from its literal meaning. Idioms are common phrases or terms whose meaning is changed, but can be understood by their popular use.

Directions: Look at each picture of an idiom below. Write the meaning of the idiom on the line. Then use the idiom in a sentence.

| Idiom: <br> Zip your lips. <br> Meaning: <br> Sentence: | Idiom: <br> Open a can of worms. <br> Meaning: <br> Sentence: |
| :---: | :---: |
| Idiom: <br> Don't cry over spilled milk. <br> Meaning: <br> Sentence: | Idiom: <br> Catch some z's. <br> Meaning: <br> Sentence: |
| Idiom: <br> Let the cat out of the bag. <br> Meaning: <br> Sentence: | Idiom: <br> In the same boat <br> Meaning: <br> Sentence: |

## Math 8

$\qquad$
$\qquad$
What time does the clock show?


## Elapsed Time

Name $\qquad$

Michael started doing yoga at 8:37 a.m. He stopped his yoga practice at 9:42 arm. How long did he practice yoga?


Raul went to the farmer's market at 9:08 a.m. He was gone for an hour and 15 minutes. What time did he return home?

Lyndsey teaches a yoga class for kids. The class starts at 10:15 arm. It lasts for an hour and fifteen minutes. What time will her yoga class end?


Benjamin began working in his garden at 11:23 a.m. He stopped for lunch at 12:30 p.m. How long did he work in his garden?

-
What time is shown on the clock below?


## WEATHER

## NAME

$\qquad$ DATE
blizzard tornado hurricane atmosphere weather

Write the word next to its description.

| Word | Description |
| :---: | :---: |
|  | a spinning column of air that touches the ground and happens quickly |
|  | temperature, wind speed, clouds, and state of the atmosphere, rain, etc. |
|  | a huge, strong storm that forms over the warm ocean |
|  | a winter storm with low temperatures, strong winds, and lots of blowing snow |
|  | gases that surround the earth |

Germs are small organisms. They are so small that you cannot see them with just your eye. You would need to have a microscope. There are four major types of germs: bacteria, viruses, fungi, and protozoa. They invade plants, animals, and people. They can make us really sick. When germs get inside our bodies, they make themselves right at home. They eat all our nutrients and energy.

Germs are everywhere! We can't avoid germs. But we can protect ourselves. In fact, our bodies are equipped to help protect us from germs. Our skin is a big wall against germs. If we have a cut, germs are able to break past our wall of skin. Our nose protects us because there are tiny hairs. Germs get caught in these hairs. Germs also get caught inside our mouth and throat. This is because our mouth and throat is sticky. Still, germs get inside our bodies. Fortunately, we have white blood cells to help fight the germs.

Are there other things we can do to protect ourselves from germs? YES. Hand washing is the best way to stop the spread of germs. When should you wash your hands? According to the Center for Disease Control - a lot! Some people think that hand sanitizer is a replacement for washing your hands. But you should only use hand sanitizer when you can't get soap and water. Hand sanitizers do NOT get rid of all germs. Getting rid of germs isn't about your own health. It's about keeping others healthy too. When we spread germs, we can make other people sick.

## WHEN TO WASH YOUR HANDS:



- BEFORE eating food
- BEFORE and AFTER treating a cut or wound
- AFTER using the toilet
- AFTER blowing your nose, coughing or sneezing
- AFTER handling pet food
- After handling pet food or pet treats
- After touching garbage
- After touching an animal, animal feed, or animal waste

| Germs can ONLY enter our bodies through cuts. | TRUE | FALSE |
| :---: | :---: | :---: |
| There is no way to protect ourselves from germs. |  |  |
| Washing your hands once per day is enough. |  |  |
| You should wash your hands after going to the bathroom. |  |  |
| If you touch garbage, just use hand sanitizer. |  |  |
| Hand sanitizer gets rid of all germs. |  |  |
| Germs only affect people. |  |  |
| Spreading germs can make other people sick. |  |  |

## HOW TO

 WAST YOUP TARDS

Isabelle is teaching her cousin how to wash her hands. Create an illustrated chart that Isabelle can use. Use step-by-step instructions. (First, Then, Next, etc.)

| 而 |  |
| :--- | :--- | :--- |
|  |  |
|  |  |

## 2D SHAPES

Name $\qquad$ Date $\qquad$

Color the quadrilaterals that can have 2 pairs of parallel sides, all sides with equal length, and no right angles.


Select all the words that describe the quadrilateral below.
a. square
b. rectangle
c. parallelogram
d. trapezoid
e. rhombus

Cody drew the the shapes below. Which shapes have 2 pairs of parallel sides?


Which of these shape names could be used to name the shape below?
a. decagon
b. quadrilateral
c. rhombus
d. hexagon


Draw a shape that has 2 right angles and 1 pair of parallel sides.

Rianna drew the shapes below. Which shapes below are quadrilaterals?


## Creative Drawing Activity

"Sometimes it is tricky to unsee what we think we see." Is it a circle? .... No it's a


## Your turn...

Start by drawing the half shape then create something different.
Something new and exciting


It is NOT a cross


It is NOT a cloud


It is NOT a star


It is NOT a lightning bolt

