

S_{4h}



Hampshire County Schools 2019-2020 Snow Ice Packet (SIP)

Day 3

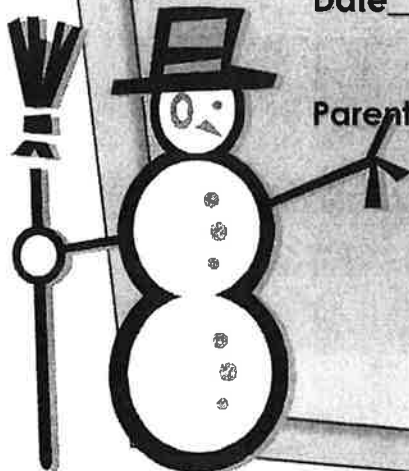
When inclement weather occurs each PreK-12 student is responsible to complete assignments on SIP Days as designated by the superintendent. The SIP Days will be counted as instructional days. To be "present" the student must submit the completed SIP work to the teacher on the next day school is in session. Failure to submit completed work constitutes an "absence".

Teachers are available at the schools to support students on SIP Days. Students will double-check their work and parents will sign below.

Name _____

Date _____ Grade _____

Parent signature _____



At Home on the Ice

By Elizabeth Schleichert

- *Not even a chinful of snow bothers this harp seal pup. For her, ice is very nice.*

It's a good bet *you* wouldn't settle in here for a nap. But little Haley doesn't seem to mind! That's because Haley is a *harp seal* pup. And she's right at home here on the snow-covered frozen-over sea.

Haley was born in this frigid, windswept place. Good thing she has a thick coat of fur. Like your winter jacket, her fur helps keep the cold out and body heat in. It's also good that Haley spends her days mostly snoozing or resting. That means she's not using up a lot of energy. Instead, she's building up a thick layer of fat, which she'll soon need.

Harp seals are sometimes called saddleback seals because of the dark, saddlelike marking on the back and sides of their light yellow or gray bodies



Harp Seal Pup: Sleeping on the Ice

(Credit: Hiroyuki Matsumoto/Getty Images)

Harp Huddle

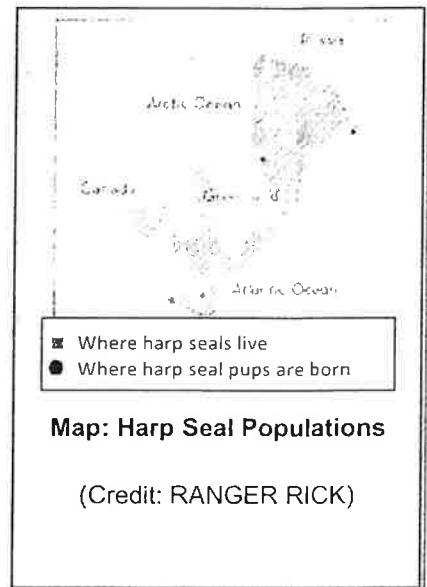
Haley's icy home lies off the coast of Canada. Harp seals spend relatively little time on land and prefer to swim in the North Atlantic and Arctic Oceans. These sleek swimmers cruise the chilly waters and feed on fish and crustaceans.

Harp seals are a highly migratory species, and have been known to travel great distances. Haley's mom was one in a group of harp seals that migrated here. To get to the ice, they swam more than 1,000 miles (1,600 km) south from their summer feeding grounds.

By the early spring, the moms here had hauled out onto the ice. They each gave birth to a single pup, and Haley was one of them.

Growing Up and Out

- At birth, Haley weighed 24 pounds (11 kg) and had a yellow-white coat. But she didn't stay that size for long. Now, about every three hours, she is filling up on Mom's milk. It is extra rich, with more than 10 times the fat in cow's milk. So Haley is gaining about five pounds (2.2 kg) a day. Before long, her coat will turn white, she'll triple her weight, and turn into a roly-poly blimp! Harp seals can grow up to be 1.7 to 2.0 m (5 to 6 feet) long and weigh from 140 to 190 kg (300 to 400 pounds).
- Your mother would be really worried if you got that fat. But Haley needs to put on weight. Why? Her white fur coat won't keep her warm in the chilly ocean, where she'll soon be living. But a thick layer of blubber (fat) will do the trick, working as a cozy dive suit in the frigid water.



Vocabulary Activities

Directions: As you read each sentence, use the other words in the sentence to help you figure out what the underlined word means. Then circle the answer you have chosen.

1. It is a delight to drive around and see the bright foliage in the fall. The trees paint the Maryland landscape with beautiful shades of red, yellow, and orange.

Foliage means _____.

- A. rocks
 - B. colors
 - C. leaves
 - D. flowers
2. We used candles and flashlights to illuminate our room at Camp Schmidt.

Illuminate means _____.

- A. darken
 - B. brighten
 - C. see
 - D. decorate
3. Firefighters wear special gear to shield their bodies from intense heat.

Shield means _____.

- A. prevent
- B. help
- C. injure
- D. protect

Directions: Read each sentence. Then choose the answer in which the underlined word is used in the same way. Circle the answer you have chosen.

4. My bedroom was cold because of a draft in the room.

In which sentence, does the word draft mean the same thing as in the sentence above?

- A. My teacher is going to read over the first draft of my research paper.
 - B. The President is going to draft everyone who is 18 years old into the military.
 - C. Congress will draft a bill to protect endangered animals.
 - D. We placed towels and blankets under the door to prevent a draft.
5. Some people raise their voices when they become upset.

In which sentence, does the word upset mean the same thing as in the sentence above?

- A. Sue's sudden sickness upset her plans for the day.
- B. My parents were upset with me because of my poor grades.
- C. The Redskins upset the Dallas Cowboys last Sunday.
- D. The child upset the glass of soda that was on the table.

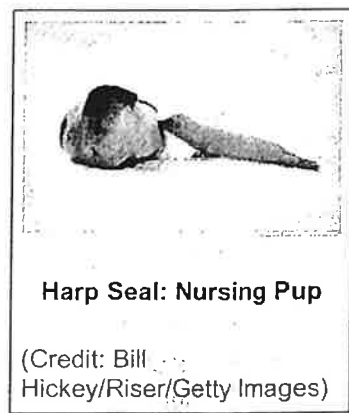
Hanging with Mom

7 Haley hunkers down near Mom. She doesn't go off and play with the other pups on the ice. (Harp seal pups mostly ignore each other.) At times, Mom may dive down through a nearby crack in the ice and grab a small snack such as a fish.

8 When Mom surfaces again, Haley is waiting--and seems happy to see her!

Surviving on Her Own

9 When Haley is just 12 days old, Mom suddenly leaves--for good. So soon? Is Mom a meanie? Well, no. That's the harp seal way of raising pups! The weather is getting warmer and the drifting ice where Baby and Mom have been living will soon start to break up, so the two can't linger there. Besides, except for maybe a quick snack, Mom has hardly eaten while nursing and has lost a lot of weight. So, off she goes to get her fill of fish. She then has to find a mate, molt (shed her coat), and finally migrate back north again.



After Mom leaves, Haley, too, will shed her white baby coat. She'll grow a new one, a silvery-gray coat with irregular dark spots, that's better suited to life in the water. Before long—*plop!*—she'll disappear down into her new watery home. *Bye, Haley!*

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Directions: Answer the questions below after you read "At Home on the Ice."

6. Paragraph 7 is *mostly* organized by
- problem and solution
 - main ideas and details
 - chronological order
 - cause and effect
7. What is the author's purpose for writing this article?
- to inspire people to learn more about seals
 - to entertain people with a story about a baby seal
 - to persuade people to keep baby seals safe
 - to inform people about the life of a baby seal

8. Which idea best paraphrases the main idea of the section "Growing Up & Out?"
- A. Haley drinks her mother's milk every three hours.
 - B. Haley gains weight fast to protect her in the cold water.
 - C. Haley weighed very few pounds when she was born.
 - D. The milk Haley gets from her mom helps her gain weight.

9. Read this sentence from paragraph 9 of the passage.

The weather is getting warmer and the drifting ice where Baby and Mom have been living will soon start to break up, so the two can't linger there.

What does linger mean in the sentence above?

- A. remain
 - B. sleep
 - C. hunt
 - D. move
10. Choose a text feature from the article. Explain how the text feature helps the reader understand the article. Use details from the article to support your choice.



Looking at Primary Sources

Document 2*The Declaration of Independence*

In 1776 Congress asked Thomas Jefferson to write a Declaration of Independence. It would explain to Great Britain and the rest of the world why the colonies wanted independence.

"We hold these truths to be self-evident,
that all men are created equal;
that they are endowed [given] by their Creator
with certain unalienable rights,
that among these are life, liberty,
and the pursuit of happiness."

12. According to the Declaration of Independence, what are *three* "unalienable rights," or rights that cannot be taken away?



Social Studies

Looking at Primary Sources

Document 1

Paul Revere's Ride

On the night British soldiers began marching from Boston toward the towns of Lexington and Concord [Massachusetts]. The goal was to destroy the colonists' weapons stored there. Two colonists, Paul Revere and William Dawes, decided to warn the townspeople. This poem, written in 1863 by Henry Wadsworth Longfellow, tells the famous story of what happened that night.

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||| == == == == == == == == == == == == == == == == ==
||| Paul Revere's Ride |||
||| |||
||| Listen my children and you shall hear |||
||| Of the midnight ride of Paul Revere, |||
||| On the eighteenth of April, in Seventy-five; |||
||| Hardly a man is now alive |||
||| Who remembers that famous day and year. |||
||| |||
||| He said to his friend, "If the British march |||
||| By land or sea from the town to-night, |||
||| Hang a lantern aloft in the belfry arch |||
||| Of the North Church tower as a signal light,- |||
||| One if by land, and two if by sea; |||
||| And I on the opposite shore will be, |||
||| Ready to ride and spread the alarm |||
||| Through every Middlesex village and farm, |||
||| For the country folk to up and to arm." |||
||| == == == == == == == == == == == == == == == == ==

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11. What plan did the colonists have to communicate if the British Invaded?

What evidence from the document can you use for support?



Talking in Their Sleep

by Edith M. Thomas

"You think I am dead,"
The apple tree said,
"Because I stoop,
And my branches droop,
And the dull gray mosses over me grow!

But I'm still alive in trunk and shoot;
the buds of next May
I fold away –
But I pity the withered grass at my root."

"You think I am dead,"
The quick grass said,
"Because I have parted with stem and blade!
But under the ground,
I am safe and sound
With the snow's thick blanket over me laid.

I'm all alive, and ready to shoot,
Should the spring of the year
Come dancing here –
But I pity the flower without branch or root."

"You think I'm am dead,"
A soft voice said,
"Because not a branch or root I own.
I never have died, but close I hide
In a plummy seed that the wind has sown.

Patient I wait through the long winter hours;
You will see me again –
I shall laugh at you then,
Out of the eyes of a hundred flowers.

Name _____

Date _____

Review the following advertisement and answer the questions below (1-3).

Niles is a GPS chip plant manager. His company makes microchips for all types of electronic devices. His boss asked him to forecast how many chips he could have ready over periods of time. He reviewed the lasted data to make a proper estimate.

	Chips Made
Day 1	12
Day 2	24
Day 3	36
Day 4	48

How many chips could Nile's plant have ready in 40 days?

1**2**

The plant recieves an order for 1,320 chips. How long will it take to fill the order?

3

Niles gets a second plant up and running. They make chips at the rate of 8 chips per day. How many days will Niles save by using both plants to fill the 1,320 chip order?

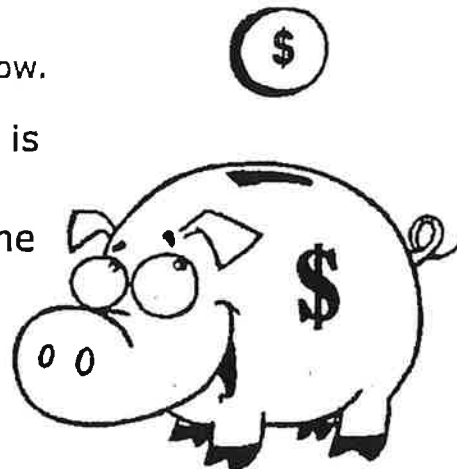


Name _____

Date _____

For questions 4 - 6 use the information provided below.

Amy works as a bank manager. Her main job is preparing change for local retail shops and stores. She caters to the shops by counting the money they made the previous day and preparing a fresh bank of change of their cash registers and depositing the remaining money in their account.



~~Target's nightly deposit was \$7,932.19. They would like change in the form of:~~

A) 50 20-Dollar Bills B) 50 10-Dollar Bills

C) 50 5-Dollar Bills D) 200 1-Dollar Bills

The remaining money is to be deposited into their account.

4. How much is to be deposited into Target's account? _____

5. Jerry's Appliances makes an annual (365 days) average of \$273,000 in sales. On a typical day at Jerry's how much did they make in sales?

6. If Target's sales are 12 times greater than Jerry's sales, how much does Target make on an average day?

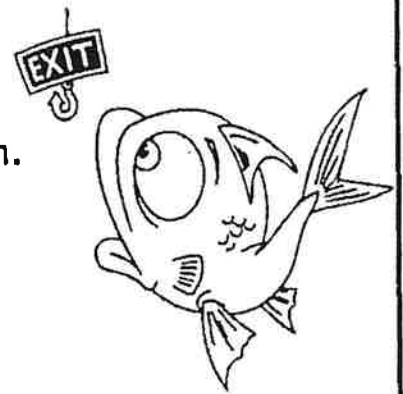


Name _____

Date _____

Use the information below to answer questions 7 - 10.

Abe was a commercial fisherman. During fishing season his company would catch so many fish that they would keep a record in scientific notation.



This month's catch was:

Scallops - 3×10^6

Lobster - 4×10^7

Shrimp - 7×10^4

Salmon - 8×10^3

7. Which type of seafood does Abe have the most of? _____

8. Which type of seafood does Abe have the least of? _____

9. How many more shrimp does Abe have than salmon? _____

10. What was the total number from this month's catch? _____



Multiplying Multi-Digit Whole Numbers A

Name _____ Date _____

Multiply to find the product.

$$\begin{array}{r} \textcircled{1} \quad 27 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 51 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 75 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 14 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 24 \\ \times 97 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 86 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 92 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 31 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 63 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 84 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{11} \quad 27 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{12} \quad 63 \\ \times 57 \\ \hline \end{array}$$