

S_{4h}



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

Day 5

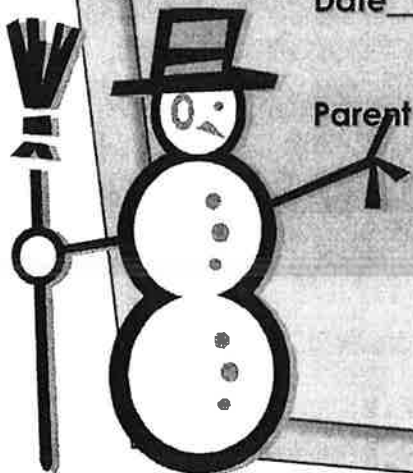
When inclement weather occurs each PreK-12 student is responsible to complete assignments on SIP Days as designated by the superintendent. The SIP Days will be counted as instructional days. To be "present" the student must submit the completed SIP work to the teacher on the next day school is in session.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



Writing Activity:

Think about the immigrants who came to America through Ellis Island. They left their home for many different reasons. They are coming to a new land. Write about what it could have been like in their home country and what it could be like for them now that they are in America.

A series of horizontal lines provided for writing, consisting of 21 lines.



Reading Comprehension: The Secret Garden



Name: _____

Date: _____


The Secret Garden

 by Frances Hodgson Burnett

The sun shone down for nearly a week on the secret garden. The Secret Garden was what Mary called it when she was thinking of it. She liked the name, and she liked still more the feeling that when its beautiful old walls shut her in no one knew where she was. It seemed almost like being shut out of the world in some fairy place. The few books she had read and liked had been fairy-story books, and she had read of secret gardens in some of the stories. Sometimes people went to sleep in them for a hundred years, which she had thought was rather foolish. She had no intention of going to sleep, and, in fact, she was becoming wider awake every day which passed at Misselthwaite. She was beginning to like to be out of doors; she no longer hated the wind, but enjoyed it. She could run faster, and longer, and she could skip up to a hundred. The bulbs in the secret garden must have been much astonished. Such nice clear places were made round them that they had all the breathing space they wanted, and really, if Mistress Mary had known it, they began to cheer up under the dark earth and work tremendously. The sun could get at them and warm them, and when the rain came down it could reach them at once, so they began to feel very much alive.

Mary was an odd, determined little person, and now she had something interesting to be determined about, she was very much absorbed, indeed. She worked and dug and pulled up weeds steadily, only becoming more pleased with her work every hour instead of tiring of it. It seemed to her like a fascinating sort of play. She found many more of the sprouting pale green points than she had ever hoped to find. They seemed to be starting up everywhere and each day she was sure she found tiny new ones, some so tiny that they barely peeped above the earth. There were so many that she remembered what Martha had said about the "snowdrops by the thousands," and about bulbs spreading and making new ones. These had been left to themselves for ten years and perhaps they had spread, like the snowdrops, into thousands. She wondered how long it would be before they showed that they were flowers. Sometimes she stopped digging to look at the garden and try to imagine what it would be like when it was covered with thousands of lovely things in bloom.

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1. Name two or more things that Mary enjoys about the outdoors.

\_\_\_\_\_

2. Complete the analogy.

snowdrops : flowers :: \_\_\_\_\_ : \_\_\_\_\_

A. a cold winter wind : a warm summer breeze

B. grains of sand on the beach : stars in the sky

C. raindrops : budding plants

**Match each word to its meaning.**

|             |                             |
|-------------|-----------------------------|
| astonished  | a flower organ, like a seed |
| determined  | surprised                   |
| intention   | growing                     |
| bulb        | plan                        |
| fascinating | resolved or purposeful      |
| sprouting   | interesting                 |

# Organize Your Story

Before you write a story, organize your thoughts.

- use key words like **first, next, then and finally** to organize the main events of your story in the order that they happen.
- tell **who, what where, when** and **why**
- add supporting details by describing events through your five senses: **sight, hearing, taste, touch** and **smell**

Choose a special day, adventure, or experience that you would like to write about. Write a title for your story, organize main events and list supporting details for each event.

Title

1. Main event- **first**

supporting details

2. Main event- **next**

supporting details

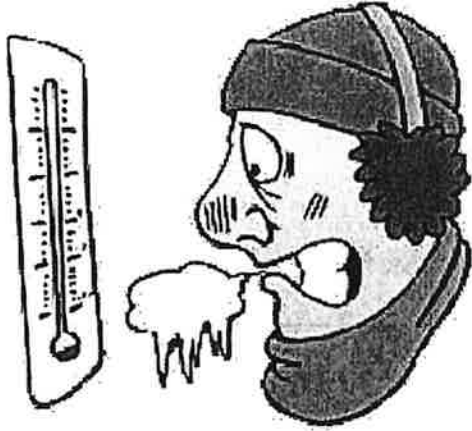
3. Main event- **then**

supporting details

4. Main event- **finally**

supporting details





### Different Factors that Affect Temperature

There are different factors that affect the temperature of a place. The following five factors are the major reasons that affect temperature of an area.

**(a) Latitude:** Latitude is the main factor affecting global climate. The further we go from the equator, the temperature drops and cooler it gets. This is because we know that earth is curved which means that the sun's energy is more concentrated at the equator. This means earth gets hotter at equator and places near equator.

**(b) Altitude:** Temperature decreases with increasing altitude at the rate of  $1^{\circ}\text{C}$  for every 165 m of increase in altitude, as the atmosphere gets heated by terrestrial radiation. For this reason, we know that the mountains are always cooler places compared to other places. The lower layers of atmosphere are denser and have water vapor and dust particles which absorb heat, which is not prevalent in the higher altitude.

**(c) Distance from the sea:** Places located on the coast have moderate temperature as they are affected by land and sea breezes; hence, the temperature is low. Places away from the coast have extremes of temperature. Karachi on the coast has moderate temperature and Lahore has extremes of temperature.

**(d) Prevailing winds:** Places which are affected by prevailing on-shore winds have moderate temperature as compared to places which are affected by off-shore (land) winds.

**(e) Ocean currents:** Warm currents raise the temperature of the places, and places affected by cold currents have lower temperature. Winds blowing over the warm current also bring heavy rainfall in the region. Whereas winds blowing over cold current absorb less moisture hence the rainfall is less, e.g., North eastern Canada is affected by the cold Labrador Current hence it remains frozen in winters, whereas Northwestern Europe in the same latitude is affected by the warm North Atlantic drift and has ice-free ports in winters.

Other minor factors affecting the temperature of a place are: direction of mountains, slope of the land and vegetation, soil.



**Multiple Choice Questions**

1. Why is it that the temperature of a hilly area is low compared to other areas?
  - a) Because of more Ocean currents
  - b) Because of prevailing winds
  - c) Because of small Latitude
  - d) Because of high Altitude
  
2. Suppose your friend lives in a country on Equator line (Kenya for example). What can you say about the temperature of that country?
  - a) Temperature would be high compared to other surrounding countries
  - b) Temperature would be lower compared to other surrounding countries
  - c) Temperature would be same as other surrounding countries
  - d) None of these
  
3. Which of the following does NOT affect the temperature of a region?
  - a) Winds
  - b) Altitude
  - c) Latitude
  - d) None of these
  
4. Areas located near Sea have
  - a) Moderate Temperature
  - b) Extreme Temperature
  - c) Very High temperature always
  - d) Rainy weather always
  
5. When the altitude is increased, why does the temperature decreases?
  - a) Because we are going near sun
  - b) Because we are going away from earth
  - c) Because of terrestrial radiation



Solve each problem.

1)  $12,000 \div 6,000 =$  \_\_\_\_\_

2)  $(7 - 3) \times 4 =$  \_\_\_\_\_

3)  $9,494.7 \div$  \_\_\_\_\_  $= 949.47$

4)  $28.6 \div 10^3 =$  \_\_\_\_\_

5)  $3,000,000 \div 10^4 =$  \_\_\_\_\_

6)  $380,000 \div 10^3 =$  \_\_\_\_\_

7)  $900 \times 4 =$  \_\_\_\_\_

8) Find the value of the underlined digit.  
89,045.9

9) Write the expression below.  
Divide the product of 7 and 9 by 8

10) Write an equation to show the relationship between input and output.

|         |    |     |     |    |
|---------|----|-----|-----|----|
| In (x)  | 13 | 83  | 92  | 37 |
| Out (y) | 32 | 102 | 111 | 56 |

11) In the number 95.9 the 9 in the tenths place is \_\_\_\_\_ the value of the 9 in the tens place.

12) Write in expanded form: 462.794

\_\_\_\_\_

13) Write in word form: 54.615

\_\_\_\_\_

14) Write as a numeral:

$$6 \times 10 + 6 + (1 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$

15) seven hundred thirty-seven and fifty-eight thousandths =

- A. 737.0      B. 737.05      C. 737.850      D. 737.058

Answers

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

Sub2  
Soa1  
Sub2  
Sub2  
Sub2  
Sub2  
Sub1  
Soa2  
Soa3  
Sub1  
Sub3a  
Sub3a  
Sub3a  
Sub3a

Use Line

Use Line



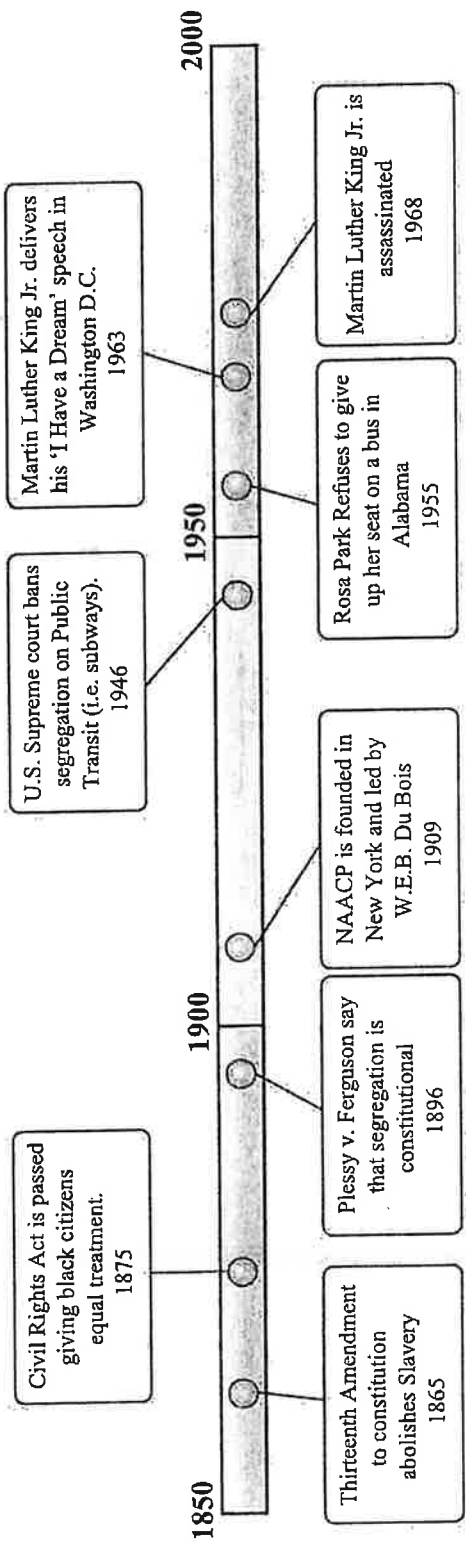


Reading a Timeline

Name: \_\_\_\_\_

Use the timeline to answer the questions.

The Civil Rights Movement



Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. Use Line
10. Use Line

- 1) Which happened earlier? A. Rosa Parks refuses to give up her seat or B. Martin Luther King Jr. gives his speech \_\_\_\_\_
- 2) How many years after slavery was abolished was the civil rights act passed? \_\_\_\_\_
- 3) What year was the NAACP founded? \_\_\_\_\_
- 4) What year was segregation banned on Public Transits? \_\_\_\_\_
- 5) What is the span (number of years shown) of this timeline? \_\_\_\_\_
- 6) What year was segregation made constitutional? \_\_\_\_\_
- 7) What year was the Civil Rights Act passed? \_\_\_\_\_
- 8) Barack Obama was elected president in 2008. Could this event be shown on this timeline? (Yes / No) \_\_\_\_\_
- 9) What event happened in 1968? \_\_\_\_\_
- 10) Who delivered the speech 'I have a Dream'? \_\_\_\_\_