

5th Grade

N.T.I. Day 1

Name: _____

Keep packet stapled together and turn in all work at the same time.

*Please contact us by email or remind,
between the hours of 8:00AM-3:00PM, if
your child needs help on an assignment.*

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YOU CAN DO
anything

Remind

Send a text to: 81010
Text this message: @4cdd27

S•T•R•E•T•C•H•E•R•S

Name _____

Day #1

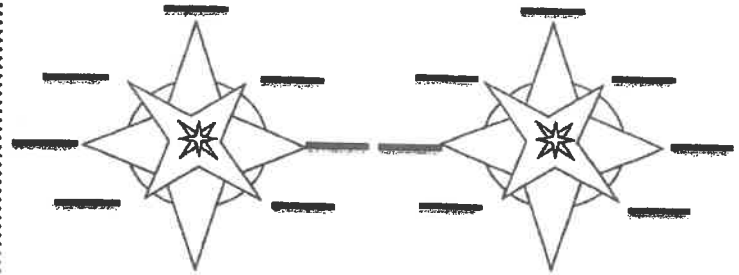
1. How do scientists believe the first people reached North America?

- ___ A. They walked from Mexico.
- ___ B. They followed the mammoths across the land bridge called Beringia.
- ___ C. They came from Spain.
- ___ D. They came with Columbus on sailing ships.



History

2. Label each compass rose with the proper directions.



INTERMEDIATE DIRECTIONS

CARDINAL DIRECTIONS



Geography

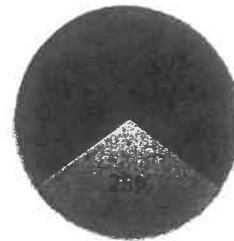
3. You want to buy a new bike. What is the most responsible way to make this happen?

- ___ A. Ask your parents for the money.
- ___ B. Save your allowance until you have enough to buy it.
- ___ C. Use all of your savings to buy it.
- ___ D. Borrow the money from a friend.



Government/Economics

Farm Animals



- chickens
- sheep
- pigs
- cows

4. According to this pie graph, what product will the farmer have the least amount of?

- A. eggs
- B. wool
- C. bacon
- D. milk



Reading Tables & Charts

What characteristic about the prehistoric Paleo-Indians would support scientists' theory about how they came to North America thousands of years ago?

Don't forget to re-state the question and answer in complete sentences!



Extended Response

Name: _____ Date: _____

Climbing El Capitan



Every year, hundreds of climbers try to reach the top of El Capitan.

- 1 The stunning beauty of Yosemite National Park in California draws more than 4 million visitors each year. As you enter the Yosemite Valley, the first thing you notice is “El Capitan.” It is one of the tallest rock walls in the world. Made of sheer granite, it rises more than 3,000 feet. That’s two and a half times the height of the Empire State Building!
- 2 If you look closely at El Capitan, you might see small, dark spots moving up the wall. These are rock climbers. For years, people thought El Capitan was impossible to climb. Now it is one of the most popular rock-climbing spots in the world.
- 3 Climbing El Capitan is not easy. It takes most people three to five days to reach the top. Some routes take even longer. That means climbers must carry a lot of food and water. They also need a “portaledge” for sleeping. This device is like a tent made of metal bars. A climber hangs it from the rock wall and sleeps inside it. The food, water, and gear add extra weight for the climber to carry.
- 4 In 1993, Lynn Hill became the first person to free-climb “The Nose.” That is one of the most famous routes to the top. Free climbers use safety ropes to protect them if they fall. But they don’t have any helpers. They climb alone and do all of the work themselves. One year later, Hill climbed The Nose again. This time she did it in less than a day. Only two people have ever climbed it that fast.

(continued)

DETAILS AND INFERENCES

- 5 In 2017, a climber named Alex Hannold broke another record. He shocked the world by climbing El Capitan *without* ropes. No one had ever done that before! He scaled the wall in 3 hours and 56 minutes. If he had fallen, no safety gear would have saved him. But he reached the top safely—and made history.
- 6 Every year, new climbers push the boundaries in Yosemite. We can only wonder who will make climbing history next on the famous walls of El Capitan.

1. Which sentences from the passage tell why so many climbers are attracted to El Capitan? Choose two answers.

- A "As you enter the Yosemite Valley, the first thing you notice is 'El Capitan.'"
- B "It is one of the tallest rock walls in the world."
- C "For years, people thought El Capitan was impossible to climb."
- D "Climbing El Capitan is not easy."
- E "It takes most people three to five days to reach the top."

2. Based on the passage, why is a multi-day climb challenging for climbers?

- A They miss their family and friends.
- B They get bored and lose concentration.
- C They have to carry a lot of extra weight.
- D They cannot sleep until they reach the top.

3. What did Alex Hannold do that no one had ever done before?
Write your answer.

Scientific Method

This text is from the National Institute of Environment Health Sciences site.

A good scientist learns about the world by using the scientific method. The scientific method tests a hypothesis, which is an educated guess based on what information we already have.

All fields of science use the scientific method as a framework to make observations, gather data, and draw conclusions.

Here is a list of the steps of the scientific method:

- Gather information
- Form a hypothesis
- Test with an experiment
- Write down results
- Analyze results
- State conclusions
- Report results

You can use the scientific method yourself!

1. What is the main idea of this text?

- A. Analyzing results is an important step in the scientific method.
- B. A hypothesis is an educated guess based on what information we already have.
- C. Scientists use the scientific method to test hypotheses and learn about our world.
- D. Scientists share results of their experiments with other scientists to help spread information.

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2. What is a hypothesis?

- A. an idea that has been proven through a series of tests
- B. an educated guess based on what information we already have
- C. the process of gathering information in a scientific study
- D. a guess made based on very little information

3. What does the text list?

- A. the steps of the scientific method
- B. steps used to run an experiment
- C. important scientific theories
- D. how the scientific method was formed

4. Read the following sentence from the text.

"All fields of science use the scientific method as a framework to make observations, gather data, and draw conclusions."

What can be concluded about the scientific method based on this information?

- A. The scientific method is unimportant in science.
- B. The scientific method has started to be used only recently.
- C. The scientific method is filled with problems.
- D. The scientific method is popular in science.

5. One of the steps of the scientific method is to state conclusions. What might these conclusions be about?

- A. the scientific tools used in an experiment
- B. the effectiveness of the scientific method
- C. the lives of scientists
- D. the hypothesis being tested



Extra Practice and Homework

Multiplication and Division

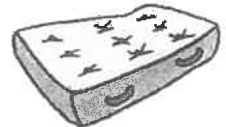
Activity 4 Real-World Problems: Multiplication and Division

Solve. Show your work. Draw a bar model to help you.

- 1 Riley bakes 185 muffins for a charity drive. Thomas bakes 3 times as many muffins as Riley. How many muffins does Thomas bake?



- 2 Mr. Clark pays \$1,010 for a new mattress. Ms. Lee pays twice as much as Mr. Clark for a new mattress. How much does Ms. Lee pay for the new mattress?

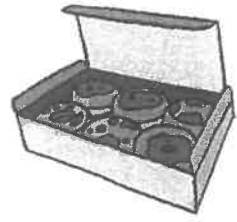


7/100

3 Mr. Jones has 9 shirts. Each shirt has the same number of buttons. There are 72 buttons in all. How many buttons are there on each shirt?



4 Taylor bakes 54 fruit tarts. She packs the fruit tarts equally into 6 boxes. How many fruit tarts are packed into each box?



- 5 A company sold 456 cartons of milk in a month. It sold 8 times as many bottles of water. How many bottles of water did the company sell?



- 6 Emma took 272 photos on her vacation. She took 4 times as many photos as Luis did on his vacation. How many photos did Luis take?

- 7 Mr. Collins and Mr. Smith picked some peaches from an orchard. Mr. Collins picked 1,080 peaches. He picked 5 times as many peaches as Mr. Smith. How many peaches did Mr. Smith pick?



- 8 Zachary has a toy school bus that is 32 centimeters long. The length of an actual school bus is 25 times that of the toy school bus. What is the length of the actual school bus?

NTI Day 1 Art Mr. Jones

Using pencil or colored pencil or crayon, sketch a picture of your favorite pet. Turn into Mr. Jones with NTI your packet.