

English

1. Rocko was lost because his owners left the gate open to his yard.
2. Rocko played or ran in the mud while he was gone.
3. No, Rocko did not know he did anything wrong because he was standing on the porch wagging his tail and excited about seeing DeShaun.
4. The main idea of the short story is a boy looked all day for his lost dog only to find

Math

- |                 |                  |
|-----------------|------------------|
| 1. $57 > x$     | 6. $x \leq -99$  |
| 2. $x \leq -24$ | 7. $-38 > x$     |
| 3. $6 > x$      | 8. $x > 98$      |
| 4. $-99 < x$    | 9. $7 > x$       |
| 5. $x \leq -15$ | 10. $x \geq -93$ |

History

1. Jefferson purchased it.
2. Jefferson purchased it from France.
3. Facts can vary, can include any information found in the passage.

Science

1. The Earth's Energy budget is a diagram that displays the interaction with the sun's energy with the Earth.
2. Reflection is when something bounces back, in the case of sun's energy it is reflected (or bounces back) out into space.
3. Absorption is when something is taken in. With the sun's energy, it is absorbed or taken in within the Earth's land and oceans.
4. a. About 30% or  $\frac{3}{10}$  of the sun's energy is reflected out into space.  
b. About 20% or  $\frac{1}{5}$  of the sun's energy gets trapped in the atmosphere.  
c. About 50% or  $\frac{1}{2}$  of the sun's energy is absorbed by the land and oceans.

Tuesday, April 21, 2020

English

1. Sarah's dad changed the channel because he knew it would take her mind off the tornado.
2. The evidence from the story about the storm was that the clouds were moving quickly, and the sky was glowing an eerie greenish grey color.
3. I can infer that Sarah does not like storms and that she worries a lot when the storms happen around her.
4. A synonym for the word belting is singing, hollering, or singing loudly.

Math

- |                  |                 |
|------------------|-----------------|
| 11. $x > 87$     | 16. $x < -26$   |
| 12. $x > 49$     | 17. $x \geq 14$ |
| 13. $x = -58$    | 18. $45 \geq x$ |
| 14. $-48 = x$    | 19. $-87 < x$   |
| 15. $x \leq -77$ | 20. $x < 60$    |

### History

Florida: 1. Spain gave the territory to the US.

2. Acquired from Spain.

3. Facts can vary, can include any information found in the passage.

Texas: 1. It was won through a war.

2. This territory was acquired from Mexico.

3. Facts can vary, can include any information found in the passage.

### Day 2 Science:

Answers will vary on what each student think that humans can do, but some answers may include: decrease burning of fossil fuels, ride a bike instead of driving, car-pool to lessen the amount of cars on the rode, drive a energy efficient car, large businesses and companies could use other renewable energy sources (solar, biofuels, wind, hydropower) instead of fossil fuels to power factories or warehouses, etc.

Wednesday, April 22, 2020

### English

1. At the end of the story, Luke felt confident and excited about performing on stage again.
2. The theme is that everyone may be nervous about something, but you still can be successful and gain confidence.
3. Yes, Luke was anxious about his part in the play before it began. The evidence for this is that he told his mom he was nervous and that he was sure he would freeze up on stage.
4. When Luke snapped out of his trance, he began to focus on the performance and his job in the play.

### Math

Write the written expression for each inequality.

1.  $6 > n$  six is less than n
2.  $b \geq -7$  b is greater than or equal to negative seven
3.  $k \leq 2$  k is less than or equal to two
4.  $8 < y$  eight is less than y

Write the inequality that has the same relationship as the expression given.

EXAMPLE:  $y \geq -1$  has the same relationship as  $-1 \leq y$

" $y$  is greater than or equal to negative one, therefore negative one is less than or equal to  $y$ "

- $n > 9$     $9 < n$
- $m < 2$     $2 > m$
- $-6 \geq f$     $f \leq -6$
- $-5 \leq h$     $h \geq -5$

### History

Oregon: 1. A treaty was signed that gave Oregon Territory to the US.

2. It was jointly owned by the US and Great Britain.

3. Facts can vary, can include any information found in the passage.

California: 1. This territory was acquired through war.

2. It was originally inhabited between the US and Mexico.

3. Facts can vary, can include any information found in the passage.

### Science Day 3

Pictures and images will vary.

The element that makes up the majority of the Earth's atmosphere is nitrogen.

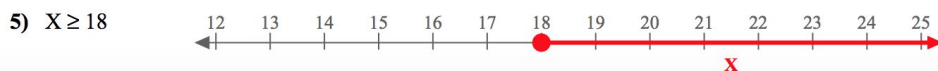
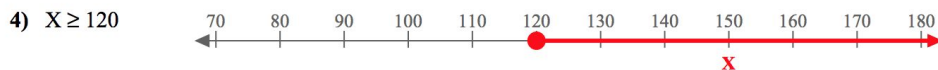
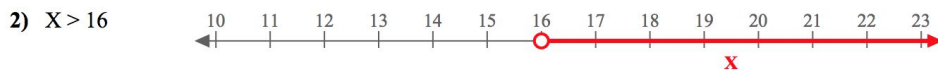
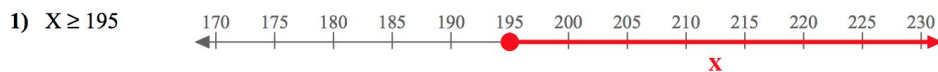
Thursday, April 23, 2020

### English

- Answers may vary.
- The main idea of the story is that the snow and bad weather may have been inconvenient for others, but it provided an awesome day of skiing for two friends.
- The boys skied until their legs could no longer hold up their bodies. When mom asked how his day was, he muttered, "awesomely insane," before drifting off to sleep.  
(Answers may vary)
- The boys had the advantage of the Jeep and its ability to drive well in the snow.

### Math

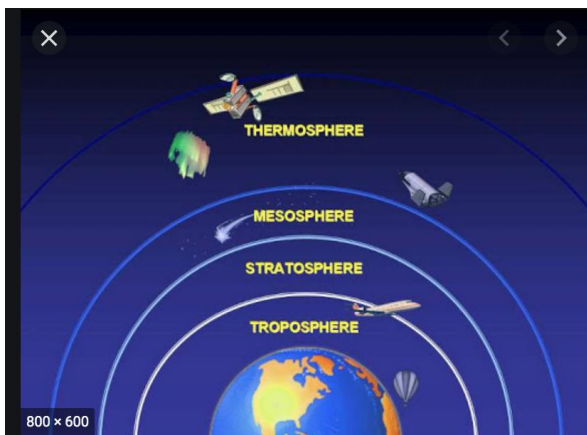
- $x < -1$
- $x \geq -60$
- $x > 30$
- $x > -60$



## History



## Science Day 4



**Troposphere**-lowest layer of the atmosphere, lies next to the Earth's surface, most of the air that makes up the atmosphere is found here, it extends to about 14 kilometers above the Earth, all weather takes place here, temperature decreases as you move up

**Stratosphere**- begins at the top of the troposphere and extends to about 50 kilometers above the surface of the Earth. As you move up into the stratosphere the air temperature actually increases, because of the ozone

**Mesosphere**- begins at about 50 kilometers above the Earth's surface and extends to 80 kilometers. As you move up into the mesosphere, the air temperature decreases, this layer also protects the Earth. Meteoroids entering Earth's atmosphere usually burn up here

**Thermosphere**- the outermost layer of the Earth's atmosphere. It begins at 80 kilometers above the Earth and extends outward into space. The higher you move in this layer, the higher the temperature. The beautiful colors of the aurora borealis or northern lights occur in this atmospheric layer. This is also where the space shuttle orbits the Earth!

## English

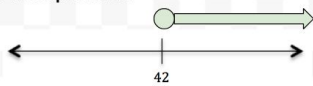
1. Yes, the boy had been to the fishing spot before today. The story states that, “he reached the dock and sat on the old log that he had placed on the path last week.”
2. The boy thought he was going to have a great day because he caught a big catfish when he first arrived.
3. I think the boy feels let down and sad that he left his fish net at home and that the fish got away.
4. The boy knew that he had caught a fish when the bobber sunk beneath the water.

## Math

Drag and drop the correct images directly above the number lines provided.

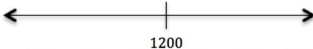
1. The roller coaster at Busch Gardens requires you to be at least 42 inches tall to ride it.

Height  $\geq 42$  inches



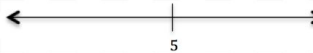
2. The elevator has a maximum weight limit of 1200 pounds

Weight  $\leq 1200$  pounds



3. The amusement park allows all children five or younger to enter for free

Age  $\leq 5$  years



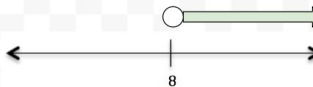
4. English teachers require you to read for at least an hour each day

Read  $\geq 1$  hour



5. Sarah slept more than 8 hours last night

Slept  $> 8$  hours



## History

Observations will vary.

Manifest Destiny is the belief that expanding the country was a right, and that it was good.

Science Day 5- Answers will vary for each student's explanation.

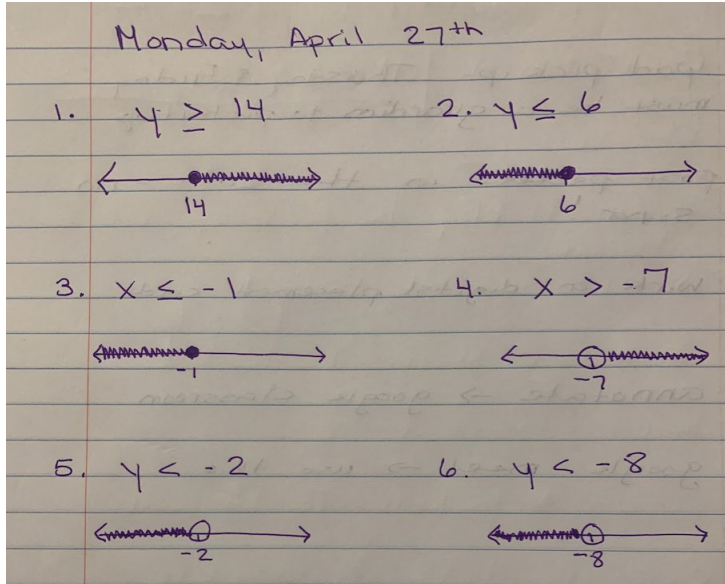
Could include that the presenter is showing a representation of convection using warm water dyed with red food coloring and cool or cold water dyed with blue food coloring. The red represents the uneven heating of the Earth's surface. The blue water represents the part of the atmosphere or the air. The heat of the warm water would represent extra warmth in the Earth's atmosphere. The red food coloring starts to rise, creating an area of low pressure. The blue food coloring is moving in to replace the red or "warm air" that is rising. So it is moving into that area of low pressure, which is a good example of convection which creates air movement or wind.

Day 6, Monday, April 27th

English

Answers will vary.

Math



History

1. Geographic factors were cheap land, population growth, rivers and canals.
2. The land on the east was becoming more crowded, and much of the land was being overfarmed. This led to people wanting to move westward for space and fertile land.
3. People wanted to leave their farms because the land was not as fertile as it once was. Farmland out west was very cheap.
4. The largest canal in the US is the Erie Canal. Canals made transportation cheaper and faster.
5. They both began in Missouri, but one ended in New Mexico and one in Oregon. The Oregon trail was incredibly dangerous due to indian attacks, river crossings, storms, mountains, and diseases. The Oregon Trail was 2,000 miles and took six months. The Santa Fe trail was 1,200 miles and took about 8 weeks to travel.

Science Day 6 Drawings for each cloud type will vary. Could include:

Cumulus

Cumulonimbus





Stratus



Cirrus



Day 7, Tuesday, April 28th

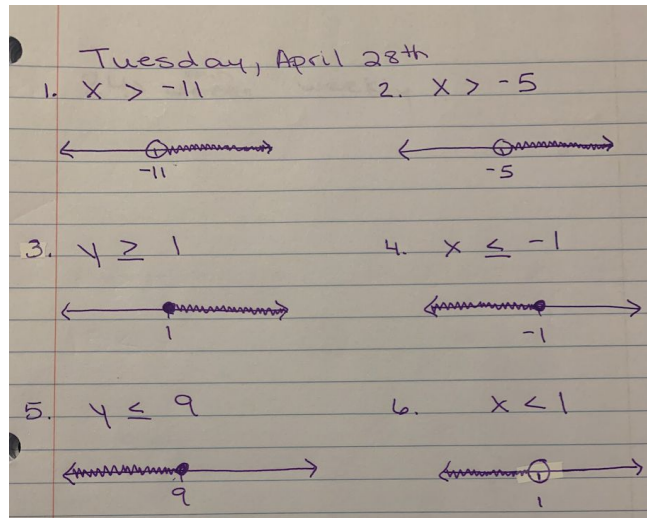
English

Answers will vary. These are examples of summaries.

1. Bones give your body structure and protect your internal organs.
2. Seahorses attach themselves to sea grass or coral instead of swimming.
3. Sharks have thousands of teeth that grow in rows.

Hashtags will vary.

Math



### History

1. Westward expansion impacted slavery because it provided an opportunity for runaway slaves to escape out west. Runaway slaves could pose as free men or hide themselves on steamboats to make it out west.
2. Answers may vary. It could include things like changing ecosystems, dangers of deforestation, previously wooded areas turning into farmland etc.
3. This is an opinion question, answers will vary.

Science Day 7 Each students' song will be different.

### Day 8, Wednesday, April 29<sup>th</sup>

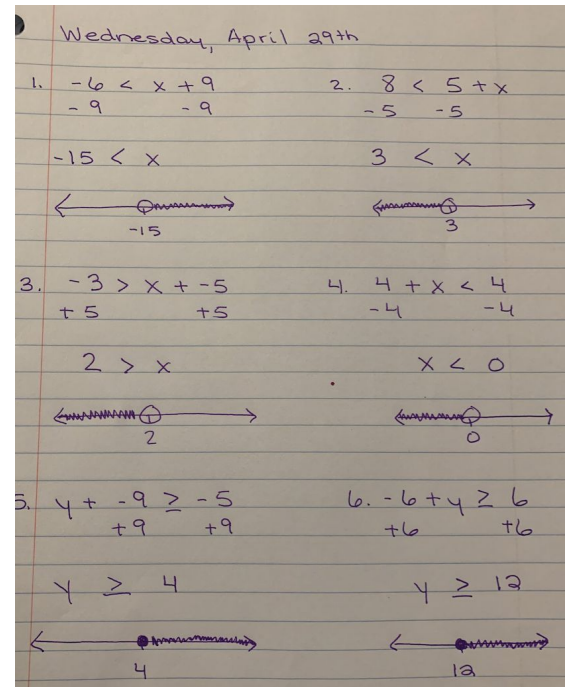
#### English

Some answers may vary.

1. Vashti was discouraged.
2. By the end of the story, Vashti was encouraged or encouraging.
3. Vashti changed from the beginning of the story to the end of the story because Vashti's teacher believed in her. By the teacher hanging up the artwork, Vashti was encouraged to draw more dots, and even eventually believed that she was a good artist.
4. Here are some themes for the story:
  - a. Even when things are difficult and you believe you aren't good at something, you should keep trying and persevere. It's probably not as difficult as you think, and you could become great.
  - b. If you see that someone is struggling, provide encouragement and you could change their outlook.
5. This is an internal conflict. Vashti was having a conflict within her mind because she was telling herself she was bad at art, when really she just hadn't tried yet and was overthinking it.

#### Math





### History

1. The Cotton Gin improved the way cotton was harvested. However, it increased the need for cotton, which increased the southerner's belief that they needed slaves.
2. The machine improved how farmers harvested wheat, and decreased the amount of people needed to harvest wheat.
3. As both of these inventions aided in better harvesting of crops. Farmers may have wanted to move out west to buy more land, to therefore grow and harvest more crops.

### Science Day 8

1. Warm front
2. Occluded front
3. Stationary front
4. Cold front
5. Occluded front

### Day 9, Thursday, April 30th

#### English

Answers will vary.

| Example from Advertisement | Fact or Opinion? | Explanation  |
|----------------------------|------------------|--|
| "Total Fat 3g"             | Fact             | It can be measured.                                    |
| "Finest quality"           | Opinion          | Many companies claim this, and someone could disagree. |
| "Our 3,200 grower members" | Fact             | This can be researched and                             |

|                                    |         |   |
|------------------------------------|---------|---|
|                                    |         | measured.   |
| “Tasty”                            | Opinion | This depends on the person.                                       |
| “Valleys of California since 1910” | Fact    | This can be confirmed, and the company has been around this long. |
| “Delicious and nutritious almonds” | Opinion | This depends on the person on whether it is delicious or not.     |

Math  
 1. C    2. D    3. B    4. C    5. A    6.B    7. D    8. A

History

1. Steamboats improved the way people traveled. Steamboats were much faster than previous modes of transportation, and therefore made it easier to move people and goods from one side of the country to the other side.
2. Steam locomotives were even faster than steamboats. Again, steam locomotives made it faster to transport people and goods across the country.
3. Both inventions had a positive impact on westward expansion. They both aided in moving people, and the items they needed, out west.

Science Day 9 Each students’ mnemonic will be different, so answers will vary.

Day 10, Friday, May 1, 2020

English

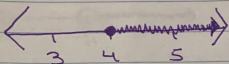
1. Affable means friendly, good-natured, or easy to talk to. I knew this because the sentence says that Mr. Smith reminds them of Mrs. Luna, and they say she was kind.
2. Trace means a tiny and often barely detectable amount of something. I knew this because they said it was as if the burglar hadn’t been there at all, indicating there was no evidence to be found.
3. Mint means an object is in pristine or new condition. I knew this because the sentence says Jamal takes great pride in his work, and he only accepts the best.
4. Unanimous means people are fully in agreement. I knew this because the sentence says they are never unanimous because it’s hard to decide on the same book. If it’s difficult to decide, then all students wouldn’t be in agreement with one another.
5. Oblivious means you are not aware of or not concerned about what is happening around you. I knew this because the sentence says her sister doesn’t pay attention to anything, and that she doesn’t know common things that are going on in today’s news and media.

Math

Friday, May 1st

1.  $J \geq 4$

2.  $3 + x < 5$   
 $-3 \quad -3$   
 $x < 2$  B



A number line with tick marks at 3, 4, and 5. A solid dot is placed at 4, and a ray extends to the right from this dot, representing the inequality  $J \geq 4$ .

3.  $n \geq 15$   
 $15 \leq n$

4.  $a - 8 < -12$   
 $+8 \quad +8$   
 $a < -4$   
 -5 and -7

5.  $10 \leq p - 4$   
 $+4 \quad +4$   
 $14 \leq p$   
 C

6. C

7. B

8. D

### History

This is more of a project, and the results will be different for each student.

### Science Day 10

- |                |                           |
|----------------|---------------------------|
| 1. Miami       | 6. Dallas and Minneapolis |
| 2. New York    | 7. Denver                 |
| 3. Miami       | 8. Boise                  |
| 4. Minneapolis |                           |
| 5. Atlanta     |                           |