

Monday, December 21, 2020

1st – Check our Science Starters from last week.

- Use the ANSWER KEY to correct any answers you missed.
- You will need to click UNSUBMIT in Google Classroom to make corrections and then turn it back in.

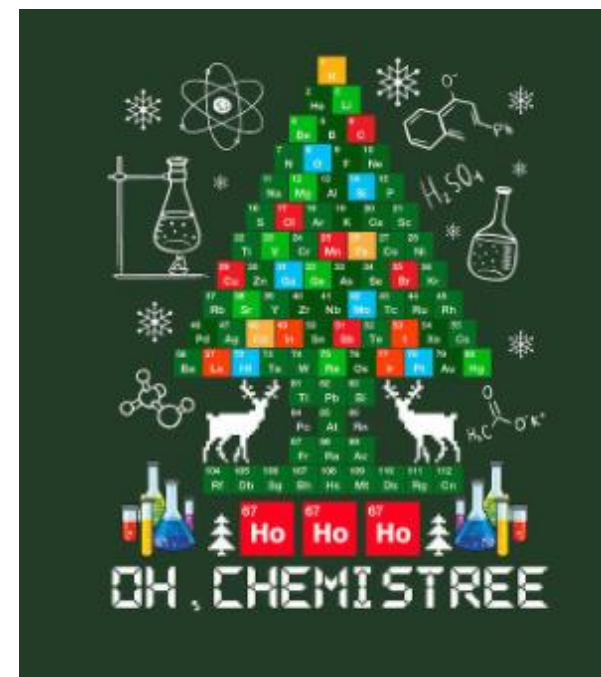
2nd – Check Slides 11-12 – MythBusters.

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3rd – Legends – Frame & Scale – Due tomorrow by 2:00 PM.

4th - Gimkit Assignment – Scientific Christmas

- Go to Google Classroom to find the link you need to use to access the assignment.
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The answers are ...

1. Which type of electromagnetic waves enable skin cells to produce vitamin D?

- A. X-rays B. Infrared waves C. Ultraviolet waves

2. Sound is an example of a(n) _____ wave.

- A. Electromagnetic B. Mechanical C. It can be both of these.

3. What do electromagnetic and mechanical waves have in common?

- A. Both transfer energy. B. Both can travel through a vacuum.
C. Both are transverse & longitudinal. D. All of these are correct.

4. Light is the transfer of energy through:

- A. Electromagnetic waves B. Ultraviolet rays C. Mechanical waves

5. Which correctly identifies electromagnetic waves?

- A. Light B. Light and sound C. Sound

6. All of the following are examples of mechanical waves except:

- A. Seismic waves. B. Sound waves. C. Light waves.



The answers are ...

1. What do we call “reindeer” in North America?
A. Mule deer **B. Caribou** C. Elk
2. In which biome (or environment) do reindeer live?
A. Tropical B. Temperate **C. Tundra**
3. Summer temperatures in this biome usually do not get above:
A. 10°F **B. 50°F** C. 80°F
4. **True** or False? The ground in this biome is usually frozen even just a few centimeters below the surface.
5. Why are they also called “snow shovelers”?
A. They use their noses to shovel through snow to get food.
B. They have hollow hoofs that are used as shovels to dig in the snow.
C. They have strong leg muscles to “shovel” their way through snow drifts.
6. What are two adaptations that help reindeer survive the cold temperatures?
Two layers of fur, hollow hairs, noses that warm up air coming in, and migrations to places where it is safer to have babies.



The answers are ...

1. A D T A

DATA

Can be qualitative or quantitative

2. P O H T E H I S Y S

HYPOTHESIS

Educated guess

3. T L C N O R O

CONTROL

Part of an experiment that is not changed

4. N O C U C L I N O S

CONCLUSION

Last step of the scientific method

5. L A Y S N A I S

ANALYSIS

Step that includes comparing data

6. N T E D P E I D E N N

INDEPENDENT

Part of the experiment that is changed

The answers are ...

1. Pipes : Water :: VESSELS : Blood

2. Shark : Fish :: Whale : MAMMAL **Other answer: Krill**

3. Plants : Herbivore :: Meat: CARNIVORE

4. Owl : Nocturnal :: Hawk : DIURNAL

5. Four : Arachnid :: THREE : Insect

6. Cells : Tissues :: Organs : ORGAN SYSTEM



The answers are ...



- 1) **Santa needs to visit 800 _____ homes.**
A. thousand **B. million** C. billion
- 2) **How much time does he have to deliver all the presents?**
A. 12 hours B. 24 hours C. **48 hours**
- 3) **At what rate does he need to “travel”?**
A. 5 houses/second B. 15 houses/second C. 25 houses/second
- 4) **Why don't we see him when he delivers presents?**
A. He moves so fast we can't see him
B. His sleigh has an invisibility device with lens.
C. His sleigh changes colors to help him blend in.
- 5) **In order to fit down the chimney, it needs to be as wide as his:**
A. Head. B. Hips C. Shoulders
- 6) **How would Rudolph's nose be classified?**
A. Fluorescent **B. Bioluminescent** C. Ultraviolet



Things to do ...

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