



Quarter 3 – Week 4

In-Person Students

- Complete the Science Starter at the **BEGINNING** of class in the time provided.
- Enter a guess for each question – letter or symbol.
- Make additions and corrections as we discuss the answers.

Remote Students

- Finish ALL the Daily Challenges for the days you are not at school.
- Send the teacher an e-mail that says you are finished.
- She will check your slides and share the answer key with you
- Check (& correct) your answers.

Absent a day or two? Use the slides to complete the challenges for the day or days you were gone. Let the teacher know you are done and she will check them!

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Element Challenge 5



MONDAY

Give the symbol for each element listed below.

1. Hydrogen

6. Carbon

2. Iodine

7. Phosphorus

3. Beryllium ★

8. Tin ★

4. Iron ★

9. Oxygen ★

5. Silver ★

10. Lithium



**Take your
best guess!**

★ = 2 letters in chemical symbol
First letter *CAPITAL* + second letter *lowercase*

2

Phases of Water

Science Starters

TUESDAY

Identify each phase change that occurs with water.

1. Water droplets → Snowflakes
2. Water → Steam (throughout the liquid)
3. Water Vapor → Frost on a window
4. Water vapor → Water droplets on the outside of a glass
5. Water on a wet sponge → Water vapor
6. Icicles → Water droplets
7. Snow → Water vapor

- A. Boiling
- B. Condensation
- C. Deposition
- D. Evaporation
- E. Freezing
- F. Melting
- G. Sublimation



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Everyday Chem: Chocolate

Science Starters

WEDNESDAY

Watch the video to answer these questions.



1. Which of these is a chemical in chocolate is a mood lifter?
A. Caffeine B. Theobromine C. Tryptophan
2. The melting point of chocolate is ____ than our body temperature.
A. Lower than B. Higher than C. Equal to
3. Viscosity is a measure of:
A. A liquid's thickness B. How fast it flows C. Both of these
4. How many different flavor components have been found in chocolate?
A. 1500 B. 15000 C. 15 million
5. What happens to the energy in chocolate as it goes from a liquid to a solid?
A. Increases B. Decreases C. Stays the same
6. True or False? Chocolate that cools very quickly results in tempered chocolate with good consistency and shine.



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Physical or Chemical?

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THURSDAY

Identify each change as P for physical or C for chemical.

1. Boiling water
2. Cracking an egg
3. Popping popcorn
4. Water evaporating from a glass
5. Rust on a nail
6. Ice cream melting
7. Mixing corn starch and water
8. Baking brownies



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Name That Compound 3

Science Starters

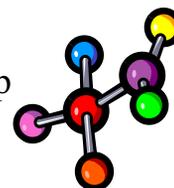
FRIDAY

Give the correct name for each compound.

1. $C_2H_4O_2$ – Used for salad dressings (or to make baking soda bubble!)
2. $NaClOH_2O_2$ – I might help you clean!
3. $C_6H_8O_7$ – Acid found in “citrus” fruits and used in sour candy
4. C_2H_6O – This product made from corn will help you get from one place to another!



Take your best guess!



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