

Science Starters

Quarter 3 – Week 2

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!

1

Everyday Chemistry - Eye Boogers Science Starters

MONDAY

Answer these questions **AFTER** your have watched the video.



1. Eye boogers are a mixture of oils, proteins, and skin cells along with:
A. Fungi B. Bacteria C. Sand
2. What is the inner layer called?
A. Meibum B. Sludge C. Mucins
3. What composes most of the second layer?
A. Tears B. Snot C. Wax
4. The outermost layer made up of a complex oil mixture is called:
A. Meibum B. Mucins C. Sludge
5. What determines how crusty or soft your eye gunk is?
A. Your age
B. How long you sleep
C. How dry your eyes are



2

Element Challenge 1

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TUESDAY

Give the symbol for each element listed below.

1. Hydrogen

6. Boron

2. Sulfur

7. Carbon

3. Fluorine

8. Nitrogen

★ 4. Helium

★ 9. Sodium

★ 5. Silicon

★ 10. Calcium



Take your best guess!

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

3

Name That Compound 1

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WEDNESDAY

Give the correct name for each compound.

1. NaCl – A common seasoning for food along with pepper

2. FeO₂ – Formula for rust on metal

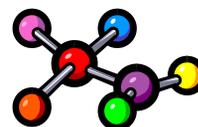
3. HCl – An acid found in your stomach

4. CH₄ – A gas produced in your body that can be stinky

5. H₂O – An important liquid



Take your best guess!



4

Element Challenge 2

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THURSDAY

Give the symbol for each element listed below.

- | | |
|----------------|---------------|
| 1. Oxygen | ★ 6. Chlorine |
| ★ 2. Lithium | 7. Phosphorus |
| ★ 3. Beryllium | ★ 8. Aluminum |
| 4. Nitrogen | 9. Boron |
| ★ 5. Argon | ★ 10. Nickel |



Take your best guess!

★ = 2 letters in chemical symbol

First letter **CAPITAL** + second letter **lowercase**

5

Name That Compound 1

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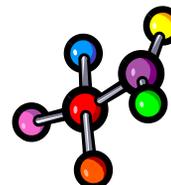
FRIDAY

Give the correct name for each compound.

- $\underline{C}O$ – A dangerous gas
- $H_2\underline{S}O_4$ – Acid found in car batteries
- $CaCO_3$ – Writes on a blackboard
- H_2O_2 – Used to disinfect wounds (bubbles)
- SiO_2 – Makes great castles



Take your best guess!



6