

YOUTH ART PROJECT FOR:

# NON-METALS

## OBJECTIVE

The students will learn about the non-metals in the periodic table.

Set up/prep time:

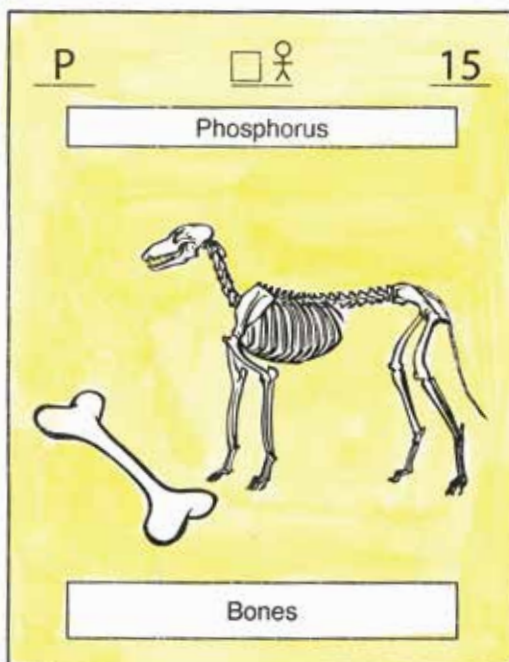
**30 minutes**

Activity time:

**2-3 hours**

Materials Needed:

**White paper, pencil, eraser, ruler, container for water, water color.**





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## COMMON CORE STATE STANDARD

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CCSS.ELA-Literacy.RST.6-8.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics.

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## PRE LESSON ASSESSMENT

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Do a post-lesson assessment to determine what new knowledge the students have gained.

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## VOCABULARY

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Non-metal, Metallic attribute

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## RELEVANT RESOURCES

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### Content

<http://en.wikipedia.org/wiki/Nonmetal>  
<http://hyperphysics.phy-astr.gsu.edu/hbase/pertab/metal.html>  
<http://www.science-dictionary.org/nonmetal>

### Art

<http://www.homeschooling-ideas.com/printable-periodic-table.html>  
<http://www.edu.pe.ca/threeoaks/teacherpages/higginbotham/-science%20421%20webpage/notes/notes-chemistry-periodictable/periodictableoftheelements.htm>

*“Be less curious about people and more curious about ideas.”*  
-Marie Curie

### Students will engage in:

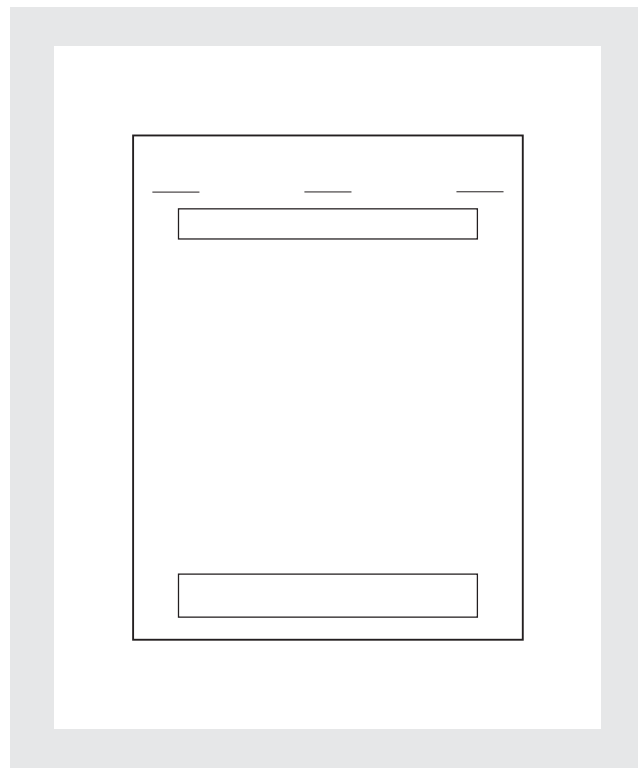
- Listening
- Speaking
- Reading
- Writing
- Partner Work
- Cooperative Learning
- Whole Group Instruction
- Visuals
- Hands on
- Technology Integration
- A Project
- Centers
- Simulations
- Activities





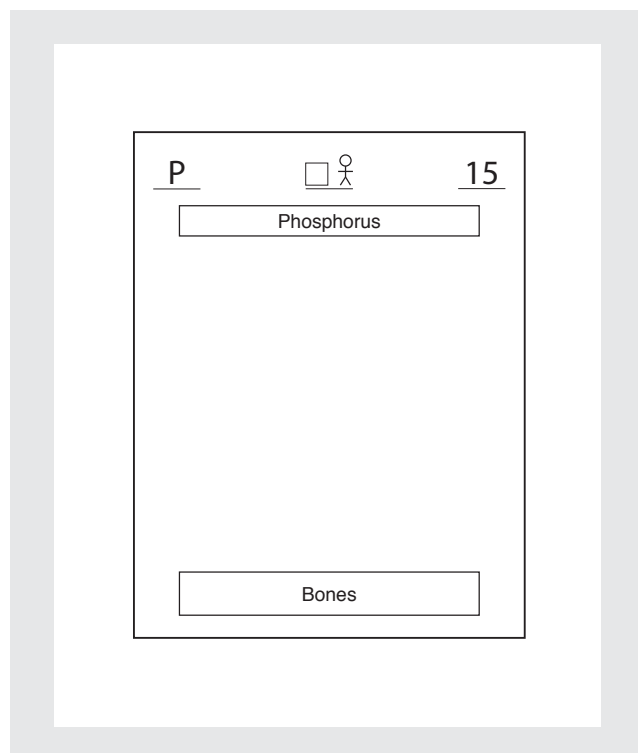
## STEP 1

Print out the attached templates of the elements provided for the students.



## STEP 2

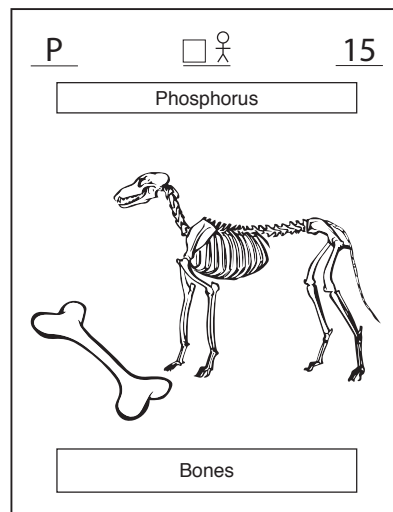
After the templates have been printed the students will begin. Have the students start by writing in the info for the element (ex. Atomic Symbol, Atomic number and other Symbols).





## STEP 3

After the students have written down the info for the element they will begin to draw the object or thing for that element. They will begin by drawing with a pencil lightly. After the pencil they will go back and trace over with a fine point marker. After the fine point marker the element is ready for coloring. they will color the element according to the colors on the periodic table. Refer to the “Relevant Resources” section for the color references.

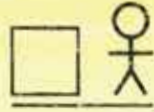


## POST LESSON ASSESMENT

Do a post assessment to determine what new knowledge the students have gained.

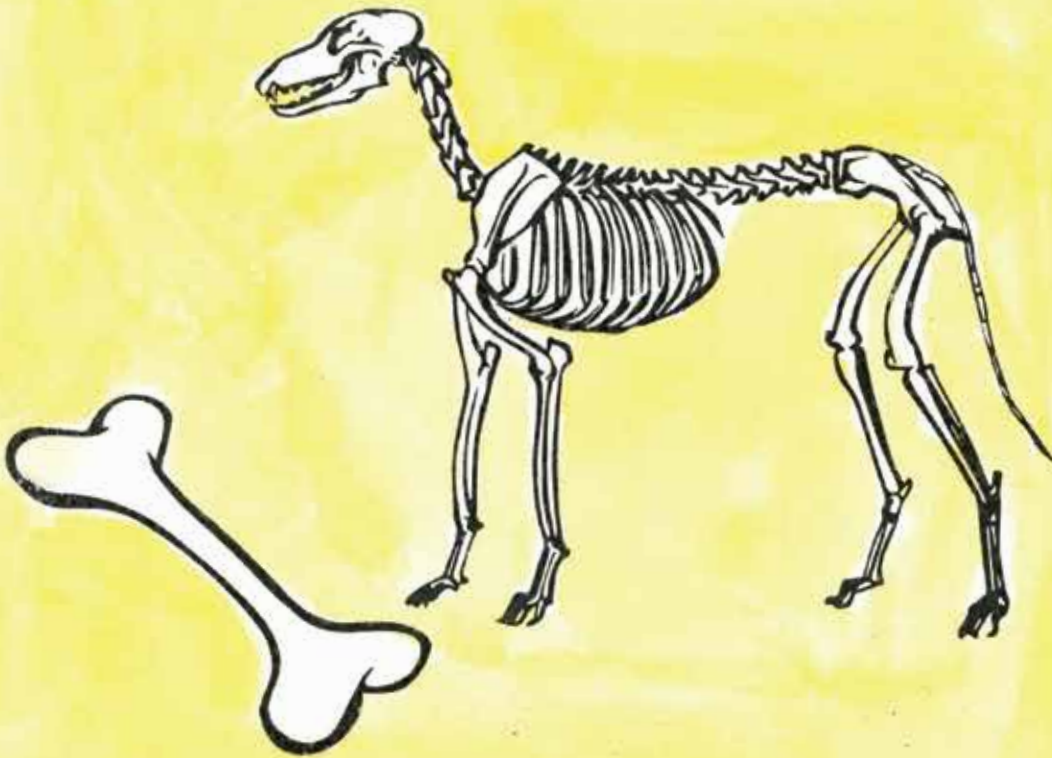


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15

Phosphorus



Bones



B

5

Boron

C

6

Carbon

N

7

Nitrogen

O

8

Oxygen



Si

14

Silicon

P

15

Phosphorus

S

16

Sulfur

As

33

Arsenic



Se

34

Selenium

Te

52

Tellerium