

ELEMENT WEBPAGE

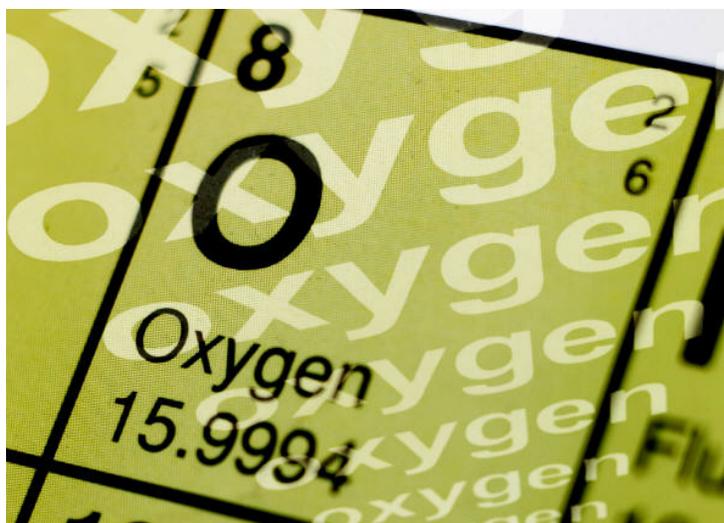
INVESTIGATIONS IN SCIENCE 7

Science Anchors

Science anchors are ongoing engaging tasks that students can work on independently. They are curriculum based, clearly defined and differentiated for students. Students can work on science anchors as they complete work at varying rates, when the teacher is working with small groups of students, at the beginning or end of the school day, or when they are waiting for teacher assistance. Sample science anchor tasks include: reading and responding to text, journaling, learning or interest centers, listening or viewing centers, independent research or projects and hands-on minds-on science kit tasks.

Purpose

Research an element of choice and create a webpage that captures findings.



INVESTIGATIONS IN SCIENCE 7

Element Webpage

Anchor Task

Overview

This anchor task is to be used by students in science as they are learning about elements.

Goals

Students should be familiar with

the names and symbols of the elements in the Periodic Table.

Students should understand

elements have unique properties.

Students should be able to

research an element and describe its unique properties.

Required Resources

- Various print and electronic resources on elements
- One copy of the Element Webpage Design resource page per student
- Blank paper
- One copy Element Webpage Sample Format page posted
- Scaffold-Provide webpage design template from Webpage Sample Format page to students that need more structure
- Markers and colored pencils
- Optional– Computer for students to conduct research and/or print pictures

Extend

Create a class website about elements.

INVESTIGATIONS IN SCIENCE 7

Name _____



Element Webpage Design

Anchor Task

Directions

You will design a webpage for an element of your choice. The webpage must include the following information:

- | | |
|---------------------------------------|-------------------------------------|
| _____ name and symbol | _____ where element is found |
| _____ human use(s) | _____ what its natural abundance is |
| _____ density in natural state | _____ how it is obtained |
| _____ melting point and boiling point | _____ atomic mass and atomic number |

The webpage needs to include **at least two** more interesting facts. You can pick from the suggestions below or choose your own.

- _____ explanation of structure
- _____ chemical properties/reaction tendencies
- _____ common and/or important compounds involving the element
- _____ historical background

Other:

Use a blank piece of paper or the provided template to design a webpage about your element.

Extend:

Create an electronic interactive version of your webpage.

Element Webpage Design Template

Anchor Task

Title:	Interesting Facts • • • • • • •	
Element Name and Symbol:		