# ★ StarMaterials.com

1 ___    Earth Science    2 ___  Late ___

Name:_____

Date: __ / __ / ___   Period ___   Room ___

## Read About
## PS0016

### Directions:
1- Fill in words based on context clues.
2- Each word will be used once.
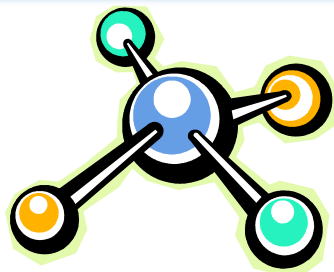
## Word Bank
atoms   bonded   carbon   combined
complex   compound   different   hydrogen
life   numbers   oxygen   peroxide   Sugar

# Molecules

Atoms are the basic building blocks of everything.

All of the _____ that we know of are called elements. Scientists know of 118 _____ elements. Elements can be _____ to make different molecules. Molecules are a group of atoms that are _____ together in the same way. A hydrogen atom will always be hydrogen atom no matter compound what it is in. A _____ is two or more different elements combined. Two atoms of _____ (H) combined with one atom of _____ (O) make one molecule of _____ ($H_2O$). If you add one more atom of oxygen, you get a molecule of hydrogen _____ ($H_2O_2$).

Combining the atoms in different ways is what makes all_____ on earth. Molecules can be very simple or very _____. To figure out how many atoms of each element are in a molecule, look at the smaller _____ just after the element symbol.  This is the number of those atoms in the molecule.  If there is no number, that's just because there is only one atom. _____ is a very common molecule. It only contains hydrogen, _____ and oxygen. But the important part is how many of each different atom it contains ($C_6H_{12}O_6$). To find out how many atoms a molecule contains, just add up all the numbers. Each molecule of sugar contains 24 atoms.

Without atoms, we wouldn't have anything.

I-Cloze is a class of Interactive lessons that can be used on paper or on electronic devices.  They are easily differentiated for elementary and middle school, the concepts are similar for each grade level with the elementary version being slightly shorter and with fewer answer blanks. Digital versions can be used on any device that can display an Adobe .pdf file—computer, laptop, tablet, iPad, iPod, or Chromebook.

Word selections appear as a drop down menu with instant feedback if it is the correct selection.  You can use a projector for whole class presentation. The wording is adjusted for the middle school version.  The elementary and middle school versions are uniquely formatted (picture placements and background color for quick identification and elementary leveled lessons end in the number 3 and middle school leveled lessons end with a 6).

The self-correcting and the non-self-correcting versions are identical – the only exception being that the score is left out.  You can use the non-self-correcting version on a device without the students knowing if they have the correct answer. Handy for reviewing in a whole class environment.  You can also use this version as an assessment.

There are (6) printable or DIGITAL files for each lesson:

> A print/non-self-correcting elementary version (NC.pdf).
> A self-correcting Digital Version leveled for elementary (SC.pdf).
> Answer Key for the elementary version (Ans.pdf).

> A print/non-self-correcting middle school version (NC.pdf).
> A self-correcting Digital Version leveled for middle school (SC.pdf).
> Answer Key for the middle school version (Ans.pdf).



If used on a device, students can enter their name and date and either save the document and information in it or print out their completed work.  They select a word from the drop down menu and are given instant feedback as the document reports the number of correct answers automatically.   There is also a non-self-correcting version with this feature removed for further differentiation in your classroom or for you to print. You can also fill in some blanks to make different versions.
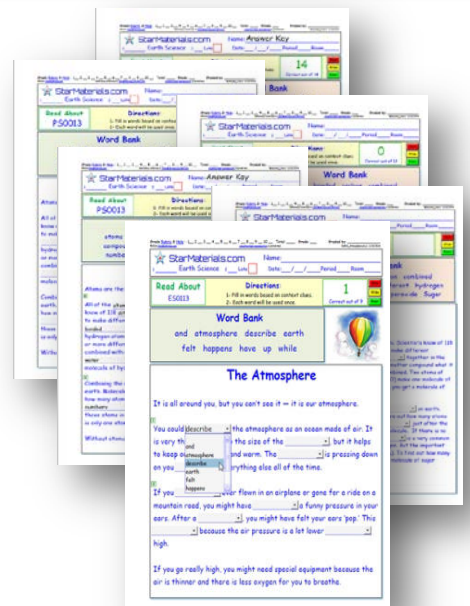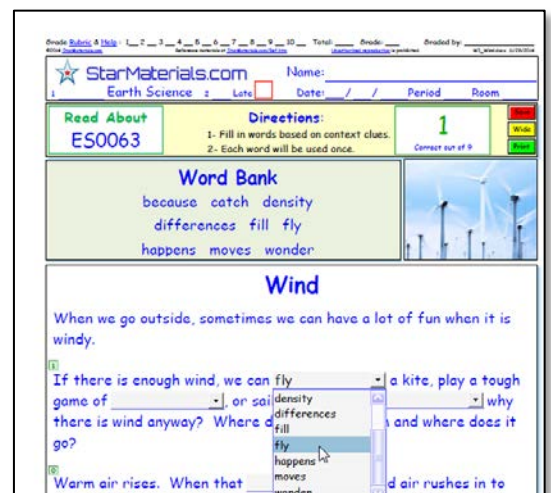




Use Acrobat's highlighter function to mark key words in the reading and help guild the students to word selections.  The Digital versions are Adobe Acrobat .pdf files and will work on a computer, laptop, Chromebook, iPad, iPod, computer and projector or SMART® type board!  Convenient "Save", "Wide" and "Print" buttons help students save documents with the data, display documents in a wide screen mode and print out completed work.
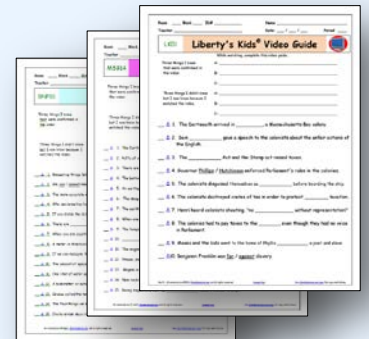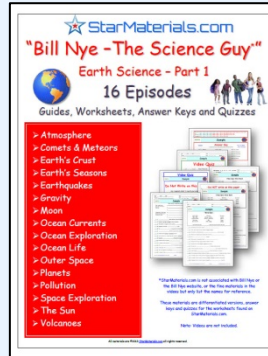
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## Free I Have, Who Has…
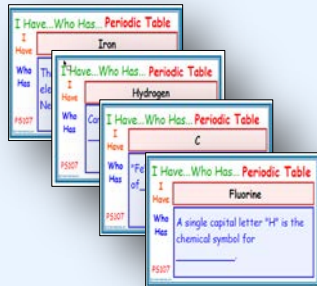
30 Questions and answers on 30 different cards.
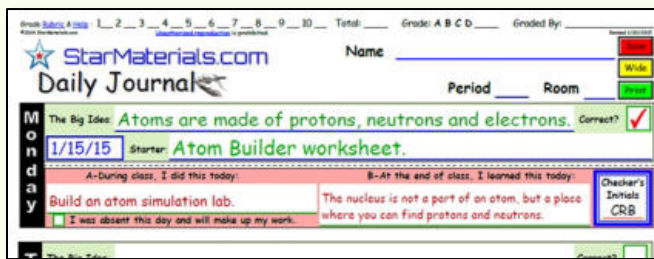Many different content areas taught.

## Free Video Reviews

"Bill Nye – The Science Guy", "Magic School Bus",
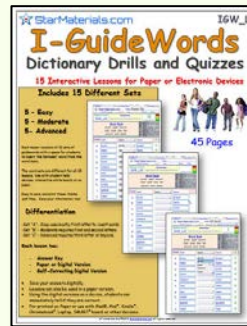"The Eyes of Nye", "Liberty's Kids" and more.

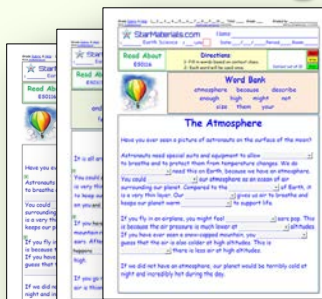# Interactive Products from StarMaterials

## Free I-Journals*

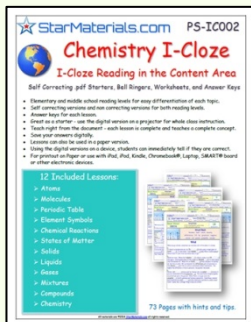Writing in the Content Area (.pdf)
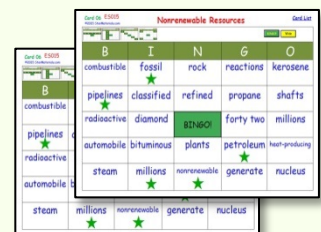Interactive journal worksheets.

## Free I-Guides*

Dictionary Drills (.pdf)
Use Guide Words to place work in question.

## Free I-Cloze* Readings

Reading in the Content Area (.pdf)
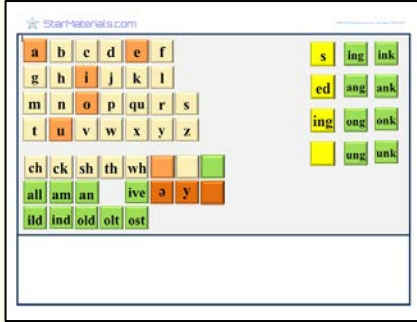Interactive worksheets that are self-correcting.

## Free I-BINGO* Review

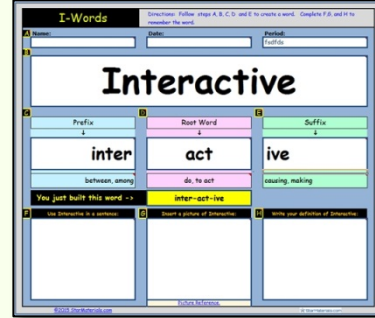Great concept introduction or review (.pdf)
30 Interactive BINGO Cards.

*Interactive lessons for printout on Paper or use with iPad®, iPod®, Kindle®, Chromebook®, Laptop, SMART® board or other devices.

## I-Wilson® Reading Tiles*



Move letter tiles on screen. (.doc)
for teaching Wilson® steps 1 through 6.

## I-Words*



Construct words and make posters (xlsx)
Use drop down lists for prefix, roots and suffix.

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Thanks!

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