

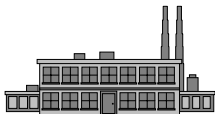


Word Factory

THE BASICS	THE TOOLBOX	EDUCATION STANDARDS	Grammar English/Language Arts Performance Standard
 <p>Grade Level: K-12</p>  <p>Estimated Time: 40 min.</p>	<ul style="list-style-type: none"> • Sentence strips or paper to write on • A set of Word Factory cards for each group of 2-4 students 	SAFETY CONCERNS	None.
		FOR KIDS WITH DISABILITIES	Students with dexterity impairments may work with a partner. Students with vision impairments may participate orally.



What To Do



Educational Objective:

To become more familiar with word beginnings and endings commonly used for science vocabulary words, and identify their meaning.

Directions:

1. Duplicate the attached masters and cut them out. There are four masters, with eight cards per page. The pages are also labeled Sets A and B. Set A is a little easier. You may choose to use them one at a time or together.
2. Divide into groups of 2-4 people and give each group a set of cards.
3. Choose a beginning part of a word and an ending. Put them together. Decide what your word might mean. **Note: In this exercise, the words made by students do not necessarily have to be found in the dictionary.** The emphasis is on recognizing common word beginnings and endings, and becoming familiar with their meanings.
4. Rearrange the parts to make a new/different word. Play around for awhile making different words and deciding what they mean.

5. Pick a favorite word or design a new one to share with the entire group, and make a sentence using that word. Have the group determine what the meaning for your word might be based on how it is used in the sentence.

For example:

The word might be **hemomaniac**

The definition would be - **one who craves blood**

A sentence could be - **We often wondered if our teacher was a vampire because, she seemed to be a hemomaniac.**

6. Post your sentences and definitions for all to see! Don't forget to practice pronouncing the words!

WEB SITES

- **Vocabulary Charade Game**
http://wings.avkids.com/Curriculum/History/vocab_charade_game_howto.html
(Grades K-6)
- **Brain Freeze Tag**
<http://faculty.washington.edu/chudler/letag.html> (Grades 3-8)

SOFTWARE

- **CornerStone Language Arts**
SkillsBank Corporation, 1995
(Grades 3-8)
- **Reader Rabbit, Reading 2**
The Learning Company, 1997
(Grades K-3)

READING ROOM

- Steig, William. **CDB!** Simon & Schuster, 2000. (Grades K-3)
- Nye, Bill. **Bill Nye the Science Guy's Big Blast of Science.** Perseus Publishing, 1993. (Grades 6 and up)

Career Connections

An editor refines and checks documents for accuracy before printing. Editors can work for magazines, newspapers, and even scientific journals.

WORD FACTORY ACTIVITY SHEET

Working with your group, list the words that you come up with and their definitions below.

Word	Definition

Any others? Use another sheet of paper if necessary.

Select your favorite word, and construct a sentence using that word to share with your group. Ideally, others should be able to determine the definition of your word based on its use in the sentence.

Set A Beginnings

cyano-

blue, bluish

crypto-

hidden

hydro-

water

tele-

far, distant

hemo-

blood

micro-

small

thermo-

heat

chrono-

time

Set A Endings

-kinesis

movement

-phobia

fear of

-graph

something that writes

-gram

something written

-mania

craving

-maniac

someone who craves

-scope

device for viewing

-logy

study of

-sophy

science of

-meter

device for measuring

-philia

love of

Set B Beginnings

pedi-

foot

bio-

life

ortho-

straight

tachy-

fast, swift

pachy-

thick

stereo-

solid (also as in 3-D)

phono-

sound, voice

geo-

earth

Set B Endings

-pod

foot

-pteros

having wings

-phage

eater

-morph

shaped like

-phagous

eating

-morphic

being shaped like

-derm

skin

-genous

-genic

producing, making

-lith

stone

-phone

device for listening