Albert Einstein

1. **advocate** [Verb] ad•vo•cate
   Sentence: My parents don't advocate, or support, going to school with a fever.
   Definition: to support or recommend

2. **atom** [Noun] at•om
   Sentence: An atom is the basic unit of matter.
   Definition: the smallest part of an element

3. **influential** [Adjective] in•flu•en•tial
   Sentence: An influential person has the power to change things.
   Definition: having the power to shape events

4. **molecule** [Noun] mol•e•cule
   Sentence: A molecule consists of two or more atoms.
   Definition: the smallest part of a substance that can exist by itself, made of two or more atoms

5. **patent** [Noun] pat•ent
   Sentence: The inventor of a product must get a patent to protect his or her rights to it.
   Definition: a document granting the right to make money from an invention

6. **physics** [Noun] phys•ics
   Sentence: physics is the branch of science that studies motion and energy.
   Definition: the scientific study of matter, motion, and energy

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advocate
(verb)

1. To **advocate** something is to recommend it, support it, or urge others to follow it.
2. If you have a job, your boss will **advocate**, or recommend, that you be on time every day.
3. My doctor doesn't **advocate** eating junk food.

atom
(noun)

1. Orbiting electrons surround the nucleus of an **atom**, which contains protons and neutrons.
2. An **atom** joins with other atoms to create a molecule.
3. A water molecule is made up of one **atom** of oxygen bound to two atoms of hydrogen.

influential
(adjective)

1. **Influential** people are powerful and important.
2. Many people believe Albert Einstein was the most **influential** person of the twentieth century.
3. The film was not **influential**; in fact, it was forgettable.

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molecule
(noun)

1. A **molecule** is a group of atoms that are bonded together.
2. A **molecule** is the smallest unit of a chemical compound that can exist by itself.
3. Several forces hold the atoms in a **molecule** together.

patent
(noun)

1. A **patent** is legal proof that an item was invented by a particular person and not someone else.
2. A **patent** for a machine is similar to a copyright for a piece of written work.
3. Alexander Graham Bell got a **patent** for the telephone, but other people also thought of the idea.

physics
(noun)

1. **Physics** is concerned with the basic building blocks of the universe, including energy, matter, space, and time.
2. **Physics** falls under the category of physical sciences, unlike botany, which is one of the life sciences.
3. Albert Einstein's scientific theories revolutionized the field of **physics**.

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Name: _____

INSTRUCTIONS: Record a vocabulary word in each word box. Then write a synonym and an antonym, draw a picture, and define each word. Use each word in a sentence on the back of this worksheet.

Word	Picture
_____	

_____
Synonym

_____
Antonym

Definition _____

_____

Word	Picture
_____	

_____
Synonym

_____
Antonym

Definition _____

_____

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advocate

to support or recommend
(verb)

atom

the smallest part of an element
(noun)

influential

having the power to shape events
(adjective)

molecule

the smallest part of a substance that can exist by itself, made of two or more atoms
(noun)

patent

a document granting the right to make money from an invention
(noun)

physics

the scientific study of matter, motion, and energy
(noun)

Name: _____

An **analogy** shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: *Cat is to meow as dog is to bark.*)

property biology forbid elements shapes mighty

INSTRUCTIONS: Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

1. **Molecule** is to *atoms* ...as... **compound** is to _____.
2. **Atom** is to *chemistry* ...as... **genes** are to _____.
3. **Influential** is to *powerful* ...as... **strong** is to _____.
4. **Advocate** is to *support* ...as... **prohibit** is to _____.

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Name: _____

An **analogy** shows a relationship between two sets of words. The words in the first pair must have the same relationship as the words in the second pair. To complete an analogy with a missing word, you must first discover the relationship between the completed pair. (Example: *Cat is to meow as dog is to bark.*)

elements property shapes mighty forbid biology

INSTRUCTIONS: Determine the relationship between the first pair of words. Then use the words in the word box to complete the second pair of words.

5. **Patent** is to *license* ...as... **possessions** are to _____.

6. **Physics** is to *matter* ...as... **geometry** is to _____.

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Name: _____

molecule	patent	influential	advocate	physics	atom

INSTRUCTIONS: Use the vocabulary words in the word box above to complete the sentences below.

1. An _____ person has the power to change things.
2. A _____ consists of two or more atoms.
3. An _____ is the basic unit of matter.
4. My parents don't _____, or support, going to school with a fever.

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Name: _____

physics	influential	molecule	patent	atom	advocate

INSTRUCTIONS: Use the vocabulary words in the word box above to complete the sentences below.

5. The inventor of a product must get a _____ to protect his or her rights to it.

6. _____ is the branch of science that studies motion and energy.

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Name: _____

A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

INSTRUCTIONS: Read the words below. Decide whether the word is best classified as a person, place, thing, or idea. Then write each word in the appropriate column.

molecule patent atom physics

PERSON	PLACE	THING	IDEA

Use each noun from the table in a sentence.

1. _____.
2. _____.
3. _____.
4. _____.

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Name: _____

A **noun** is a person, place, thing, or idea. If the noun is the name of a person or a specific place, it is called a **proper noun**. A proper noun is always capitalized.

Write three words that are not nouns.

_____ _____ _____

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Name: _____

INSTRUCTIONS: Use what you know about the vocabulary words to complete the following sentences.

1. An example of an **influential** person is _____.
2. A **molecule** is made up of _____.
3. All my teachers **advocate** turning in homework _____.
4. An **atom** is _____.
5. It's a good idea to get a **patent** if you _____.
6. If you study **physics**, you will learn about _____.

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Name: _____

INSTRUCTIONS: Choose the best answer to complete each statement.

1. Someone who supports conservation would probably advocate _____.
   - ⓐ polluting rivers
   - ⓑ protecting endangered species
   - ⓒ cutting down trees

2. The building blocks of an atom include _____.
   - ⓐ molecules
   - ⓑ electrons
   - ⓒ photons

3. An influential person is one that can _____.
   - ⓐ make money
   - ⓑ shape events
   - ⓒ vote early

4. What is a molecule made up of?
   - ⓐ compounds
   - ⓑ elements
   - ⓒ atoms

5. _____ is most likely to need a patent.
   - ⓐ An inventor
   - ⓑ A clothing store
   - ⓒ A parent

6. Physics is the study of _____.
   - ⓐ animals and plants
   - ⓑ artifacts and ruins
   - ⓒ matter and energy

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