

Englist.me



Vocabulary Builder Reference from...

Xavier Vilalta: Architecture at home in its community | TED Talk

https://www.ted.com/talks/xavier_vilalta_architecture_at_home_in_its_community

Advanced Words Only

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

multistory

adj. referring to a building or structure that has multiple floors or levels; characterized or designed for multiple stories or levels

synonym: multi-level, high-rise, tower

(1) **multistory** mall, (2) **multistory** car park

The **multistory** building had a stunning rooftop garden.

captivate

v. to attract and hold the attention or interest of

synonym: enchant, charm, fascinate

(1) **captivate** public sentiment, (2) **captivate** the mind

The magician **captivated** the audience with his illusions.

atrium

n. a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear

synonym: lobby, hall, chamber

(1) **atrium** architecture, (2) **atrium** valve

The office building had a beautiful **atrium** in the center, filled with natural light and plants.

perforate

v. to make small holes or punctures in something, often with a tool or sharp object

synonym : puncture, pierce, penetrate

(1) **perforate** paper, (2) **perforate** eardrum

After the medical exam, the doctor suspected that the patient's ulcer might have **perforated**, leading to more severe health complications.

fractal

n. a complex geometric pattern or shape that repeats itself on smaller and smaller scales, often occurring in nature or mathematical equations

synonym : pattern, design, geometry

(1) **fractal** pattern, (2) **fractal** art

The coastline of Norway is one of the most famous examples of **fractal** geometry in nature.

facade

n. the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant

synonym : front, camouflage, masquerade

(1) the outside **facade** of a castle, (2) **facade** of wealth

A gentle **facade** concealed his powerfulness.

prefabricated

adj. constructed or made in advance, often in sections or components, before being assembled on-site; manufactured or built in a factory rather than on-site

synonym : prebuilt, prefab, factory-made

(1) **prefabricated** building, (2) **prefabricated** home

The new office building was constructed with **prefabricated** materials, which helped save time and money.

self-sufficient

adj. able to provide for one's own needs without assistance from others

synonym : independent, self-reliant, self-sustaining

(1) **self-sufficient** economy, (2) **self-sufficient** renewable energy

He was determined to become **self-sufficient** and not rely on anyone else.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym : wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

photovoltaics

n. a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

synonym : solar cells, solar power

(1) **photovoltaics** recycling initiatives, (2) **photovoltaics** system

The development of thin-film **photovoltaics** has allowed for a wider range of applications in building design.

courtyard

n. an open space surrounded by buildings or walls, often in the center of a building or group of buildings

synonym : patio, garden, atrium

(1) quiet **courtyard**, (2) spacious **courtyard**

The hotel's beautiful **courtyard** was the perfect spot for a wedding reception.

Session 2: Spelling

- | | |
|---------------------------------|---|
| 1. quiet co_____rd | <i>n.</i> an open space surrounded by buildings or walls, often in the center of a building or group of buildings |
| 2. pre_____ted building | <i>adj.</i> constructed or made in advance, often in sections or components, before being assembled on-site; manufactured or built in a factory rather than on-site |
| 3. mul_____ry mall | <i>adj.</i> referring to a building or structure that has multiple floors or levels; characterized or designed for multiple stories or levels |
| 4. ca_____te the mind | <i>v.</i> to attract and hold the attention or interest of |
| 5. sel_____ent renewable energy | <i>adj.</i> able to provide for one's own needs without assistance from others |
| 6. pre_____ted home | <i>adj.</i> constructed or made in advance, often in sections or components, before being assembled on-site; manufactured or built in a factory rather than on-site |
| 7. at___m architecture | <i>n.</i> a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear |
| 8. at___m valve | <i>n.</i> a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear |

ANSWERS: 1. courtyard, 2. prefabricated, 3. multistory, 4. captivate, 5. self-sufficient, 6. prefabricated, 7. atrium, 8. atrium

9. sel_____ent economy *adj.* able to provide for one's own needs without assistance from others
10. mul_____ry car park *adj.* referring to a building or structure that has multiple floors or levels; characterized or designed for multiple stories or levels
11. fa___e of wealth *n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant
12. pho_____ics system *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
13. pe_____te eardrum *v.* to make small holes or punctures in something, often with a tool or sharp object
14. ca_____te public sentiment *v.* to attract and hold the attention or interest of
15. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
16. pho_____ics recycling initiatives *n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels

ANSWERS: 9. self-sufficient, 10. multistory, 11. facade, 12. photovoltaics, 13. perforate, 14. captivate, 15. electrify, 16. photovoltaics

17. fr____l pattern *n.* a complex geometric pattern or shape that repeats itself on smaller and smaller scales, often occurring in nature or mathematical equations
18. spacious co_____rd *n.* an open space surrounded by buildings or walls, often in the center of a building or group of buildings
19. fr____l art *n.* a complex geometric pattern or shape that repeats itself on smaller and smaller scales, often occurring in nature or mathematical equations
20. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
21. pe_____te paper *v.* to make small holes or punctures in something, often with a tool or sharp object
22. the outside fa___e of a castle *n.* the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant

ANSWERS: 17. fractal, 18. courtyard, 19. fractal, 20. electrify, 21. perforate, 22. facade

Session 3: Fill in the Blanks

1. He was determined to become _____ and not rely on anyone else.
adj. able to provide for one's own needs without assistance from others
2. The coastline of Norway is one of the most famous examples of _____ geometry in nature.
n. a complex geometric pattern or shape that repeats itself on smaller and smaller scales, often occurring in nature or mathematical equations
3. The new office building was constructed with _____ materials, which helped save time and money.
adj. constructed or made in advance, often in sections or components, before being assembled on-site; manufactured or built in a factory rather than on-site
4. The _____ building had a stunning rooftop garden.
adj. referring to a building or structure that has multiple floors or levels; characterized or designed for multiple stories or levels
5. A gentle _____ concealed his powerfulness.
n. the face or front of a building, especially a large one; superficial or false appearance intended to conceal something unpleasant
6. The office building had a beautiful _____ in the center, filled with natural light and plants.
n. a central or main hall or open space in a building, typically with a skylight or large window, often serving as a gathering area or focal point; (of anatomy) a chamber or cavity within the heart or inner ear
7. After the medical exam, the doctor suspected that the patient's ulcer might have _____ leading to more severe health complications.
v. to make small holes or punctures in something, often with a tool or sharp object

ANSWERS: 1. self-sufficient, 2. fractal, 3. prefabricated, 4. multistory, 5. facade, 6. atrium, 7. perforated,

8. The development of thin-film _____ has allowed for a wider range of applications in building design.
- n.* a branch of technology that involves the conversion of sunlight into electricity using solar cells or other photoelectric devices; the generation of electricity directly from sunlight, typically using solar panels
9. The product developed through years of research continues to _____ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
10. The hotel's beautiful _____ was the perfect spot for a wedding reception.
- n.* an open space surrounded by buildings or walls, often in the center of a building or group of buildings
11. The magician _____ the audience with his illusions.
- v.* to attract and hold the attention or interest of

ANSWERS: 8. photovoltaics, 9. electrify, 10. courtyard, 11. captivated