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Peter Calthorpe: 7 principles for building better cities |

TED Talk

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Advanced Words Only

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Session 1: Word List

well-being

- n. the state of being happy and healthy and prosperoussynonym: health, welfare, happiness
- (1) the **well-being** of a nation, (2) a sense of **well-being** We are responsible for the care and **well-being** of all our employees.

vitality

- n. the state of being strong and active; energysynonym: energy, life, vigor
- (1) **vitality** of youth, (2) the **vitality** of the company
 The new gym membership has improved his **vitality** and overall health.

manifestation

a visible or tangible form of something, especially a particular sign of a disease or condition

synonym: expression, embodiment, presentation

(1) **manifestation** of a deeper problem, (2) **manifestation** of psychological stress

The **manifestation** of his anxiety was evident in his shaking hands.

villain

 a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel synonym: scoundrel, rogue, antagonist

(1) evil villain, (2) authoritarian villain

The **villain** in the movie was a complex character with a tragic backstory.

sprawl

- v. to sit, lie, or fall with one's arms and legs spread out synonym: drape, spread out
- (1) **sprawl** out luxuriously on the sofa, (2) **sprawl** for acres The lush vegetation **sprawls** across the wonderfully landscaped gardens.

upfront

- adj. frank and honest; (adverb) (of payment) in advance synonym: honest, authentic, fair
- (1) an upfront tone, (2) pay upfrontHe was very upfront with him about his intentions.

periphery

- the outer edge or margin of something, especially a geographical area or a group of people
- synonym: edge, border, margin
- (1) around the **periphery**, (2) **periphery** countries

 The factory was located on the city's **periphery**, away from residential areas.

segregate

- v. to separate or set apart from others, often based on race, gender, or some other characteristicsynonym: isolate, separate, divide
- (1) **segregate** by race, (2) **segregate** boys and girls The school board decided to **segregate** students by the ability to meet their needs better.

enclave

- a distinct portion of territory or a community that is completely surrounded by another territory or community; a small, isolated group or area within a larger community or society
- (1) an **enclave** for foreign residents, (2) cultural **enclave**The university campus is a small **enclave** of intellectual

activity within the bustling city.

fertilization

the process of joining a sperm and an egg to produce an embryo

synonym: impregnation, pollination, insemination

(1) fertilization process, (2) artificial fertilization

The **fertilization** of the soil allowed for a bountiful harvest.

antidote

 a chemical substance or remedy that stops or controls the effects of a poison or disease

synonym: remedy, treatment, restorative

(1) the **antidote** to the poison, (2) the **antidote** for aging Knowledge is the **antidote** to fear.

astound

- v. to surprise or shock someone with wonder very much synonym: amaze, astonish, surprise
- (1) **astound** everyone, (2) **astound** the viewer The final result was nothing short of **astounding**.

environmentalist

n. a person who is concerned with and advocates for the protection of the natural environment

synonym: conservationist

(1) dedicated **environmentalist**, (2) an **environmentalist** political party

The **environmentalist** lobby changed the mindset of many conservative politicians.

footprint

- n. a mark of a foot, shoe, or animal's foot left on a surfacesynonym: footmark, imprint, impression
- (1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

pocketbook

n. a small bag or purse usually carried in a pocket or worn on the wrist or shoulder for carrying money and other small personal items; a book or guide that contains information or tips on a particular subject, such as travel

or fashion

synonym: wallet, purse, billfold

(1) **pocketbook** issues, (2) leather **pocketbook**She pulled her wallet out of her **pocketbook** to pay for the groceries.

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

industrious

adj. hardworking, diligent, and persistent in effort synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student He was known to be very **industrious** and would often work late into the night.

amok

adv. in a restless or uncontrolled manner, typically associated with a violent outburst or rampage

synonym: berserk, wild, out of control

(1) scream amok, (2) go amok

The angry customer began running **amok** in the store, knocking over displays and screaming at employees.

silo

n. a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

synonym: storage, warehouse, barn

(1) nuclear silo, (2) silo organization

The farmer used a **silo** to store feed for the animals.

infill

v. to fill in or complete a space, usually by adding material to fill gaps or voids; (noun) the act of filling in or adding material to a space or gap, often used in construction or

architecture to describe the process of filling in open spaces in a building or development

synonym: fill in, complete, pack in

(1) **infill** development, (2) **infill** the cavity with a dental filling The construction workers will **infill** the trench with concrete.

oxymoron

a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"

synonym: contradiction in terms, paradox, self-contradiction

(1) **oxymoron** phrase, (2) literary **oxymoron**

"Awfully good" is an **oxymoron** that can be used to describe something that's both bad and good simultaneously.

smog

 a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

synonym: smog, haze, pollution

(1) **smog** alert, (2) toxic **smog**

The heavy **smog** in the city was causing health issues for the residents.

utopian

adj. ideal and perfect; relating to or resembling a utopia (= an ideal and perfect society)

synonym: idealistic, perfectionistic, unrealistic

(1) utopian society, (2) utopian goal

He had a **utopian** vision of a world without war.

sterile

adj. free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing

synonym: clean, germ-free, hygienic

(1) sterile environment, (2) a sterile man

Surgeons must use **sterile** instruments to prevent infection during an operation.

illicit

adj. forbidden by law, rules, or custom; not approved of or socially acceptable synonym: illegal, unlawful, prohibited

(1) illicit drugs, (2) illicit trade

He was arrested for his **illicit** activities in the black market.

takeaway

 a message or conclusion that can be taken away from a situation or piece of information

synonym: conclusion, message, insight

(1) takeaway pizza, (2) takeaway message

The main **takeaway** from the meeting was the need for better communication.

bulldoze

v. to level or clear an area of land using a bulldozer (= a large, heavy vehicle with a blade on the front); to use force or the threat of force to make them do something or to get them to move out of the way

synonym: level, clear, demolish

(1) **bulldoze** a mound, (2) **bulldoze** a person into buying They **bulldozed** the old building to make way for a new one.

normative

adj. setting, constituting, or relating to a standard or norm; prescribing or advocating a standard of correctness or right behavior

synonym: standard, conventional, usual

(1) **normative** behavior, (2) **normative** standards
The **normative** approach to morality focuses on what is considered socially acceptable behavior.

gridlock

 a situation in which traffic or progress is obstructed due to congestion, blockage, or a lack of movement; a deadlock or impasse in negotiations or decision-making

synonym: traffic jam, standstill, impasse

(1) gridlock situation, (2) political gridlock

The rush hour traffic in the city often leads to **gridlock** on the highways.

freeway

 a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways synonym: highway, expressway, motorway

(1) freeway exit, (2) expanded freeway

We got stuck in a traffic jam on the **freeway** for over an hour.

reconnect

- v. to connect again after a break or interruption synonym: reopen, rejoin, link up
- (1) **reconnect** a telephone, (2) **reconnect** with family After a long period of estrangement, they **reconnected** with each other.

excite

- v. to make someone feel suddenly enthusiastic or eager synonym: thrill, exhilarate, animate
- (1) **excite** the crowd, (2) **excite** rebellion The news of her promotion **excited** her.

congest

- v. to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquidsynonym: clog, choke, crowd
- (1) **congest** in a vein, (2) **congest** a highway The roads to the airport were heavily **congested**.

revitalization

- n. the process of giving new life or energy to somethingsynonym: renewal, reactivation, rejuvenation
- (1) **revitalization** project, (2) **revitalization** of humanity The **revitalization** of the downtown area brought new life to the community.

frightening

- adj. causing fear or alarm, or very surprising and alarmingsynonym: scary, terrifying, alarming
- (1) cast **frightening** eyes, (2) **frightening** experience The news of the pandemic was a **frightening** reminder of the fragility of human health.

ride-sharing

n. an arrangement in which a passenger travels in a private car driven by its owner for free or for a fee,

especially as arranged by using a website or app synonym: carpooling

- (1) **ride-sharing** app, (2) **ride-sharing** parking lot The court ruled that the **ride-sharing** company should consider the drivers as employees.
- v. to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someonesynonym: guide, direct, control
- (1) **steer** a steady course, (2) **steer** a conversation The captain told him to **steer** the ship north.
- n. a short trip that is taken to perform a specified task, such as to take a message or to take or collect somethingsynonym: task, chore
- (1) **errand** boy, (2) run an **errand**. He sent me on an **errand**.

errand

Session 2: Spelling

1.	cot a highway	v.	to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
2.	literary oxon	n.	a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"
3.	manion of a deeper problem	n.	a visible or tangible form of something, especially a particular sign of a disease or condition
4.	rect a telephone	v.	to connect again after a break or interruption
5.	pay upt	adj.	frank and honest; (adverb) (of payment) in advance
6.	cot in a vein	v.	to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
7.	nove standards	adj.	setting, constituting, or relating to a standard or norm; prescribing or advocating a standard of correctness or right behavior
8.	a ste man	adj.	free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
9.	riding app	n.	an arrangement in which a passenger travels in a private car driven by its owner for free or for a fee, especially as arranged by using a website or app

ANSWERS: 1. congest, 2. oxymoron, 3. manifestation, 4. reconnect, 5. upfront, 6. congest, 7. normative, 8. sterile, 9. ride-sharing

10.	ste environment	adj.	free from living microorganisms, especially bacteria, fungi, and viruses; incapable of reproducing
11.	the vity of the company	n.	the state of being strong and active; energy
12.	the fonts of an earlier civilization	n.	a mark of a foot, shoe, or animal's foot left on a surface
13.	fonts in the snow	n.	a mark of a foot, shoe, or animal's foot left on a surface
14.	poe the air	v.	to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
15.	around the pery	n.	the outer edge or margin of something, especially a geographical area or a group of people
16.	the ante to the poison	n.	a chemical substance or remedy that stops or controls the effects of a poison or disease
17.	the welng of a nation	n.	the state of being happy and healthy and prosperous
18.	nove behavior	adj.	setting, constituting, or relating to a standard or norm; prescribing or advocating a standard of correctness or right behavior
19.	expanded fry	n.	a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways

ANSWERS: 10. sterile, 11. vitality, 12. footprint, 13. footprint, 14. pollute, 15. periphery, 16. antidote, 17. well-being, 18. normative, 19. freeway

20.	spI for acres	<i>v</i> .	to sit, lie, or fall with one's arms and legs spread out
21.	riding parking lot	n.	an arrangement in which a passenger travels in a private car driven by its owner for free or for a fee, especially as arranged by using a website or app
22.	taay pizza	n.	a message or conclusion that can be taken away from a situation or piece of information
23.	dedicated envist	n.	a person who is concerned with and advocates for the protection of the natural environment
24.	manion of psychological stress	n.	a visible or tangible form of something, especially a particular sign of a disease or condition
25.	political grck	n.	a situation in which traffic or progress is obstructed due to congestion, blockage, or a lack of movement; a deadlock or impasse in negotiations or decision-making
26.	utn society	adj.	ideal and perfect; relating to or resembling a utopia (= an ideal and perfect society)
27.	exe rebellion	v.	to make someone feel suddenly enthusiastic or eager
28.	ilt drugs	adj.	forbidden by law, rules, or custom; not approved of or socially acceptable
29.	vity of youth	n.	the state of being strong and active; energy

ANSWERS: 20. sprawl, 21. ride-sharing, 22. takeaway, 23. environmentalist, 24. manifestation, 25. gridlock, 26. utopian, 27. excite, 28. illicit, 29. vitality

30.	str a conversation	ν.	to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
31.	toxic sg	n.	a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
32.	ilt trade	adj.	forbidden by law, rules, or custom; not approved of or socially acceptable
33.	fring experience	adj.	causing fear or alarm, or very surprising and alarming
34.	cast fring eyes	adj.	causing fear or alarm, or very surprising and alarming
35.	exe the crowd	<i>v</i> .	to make someone feel suddenly enthusiastic or eager
36.	poe the thread	ν.	to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
37.	authoritarian vin	n.	a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
38.	spl out luxuriously on the sofa	<i>v</i> .	to sit, lie, or fall with one's arms and legs spread out
39.	artificial ferion	n.	the process of joining a sperm and an egg to produce an embryo
40.	an upt tone	adj.	frank and honest; (adverb) (of payment) in advance

ANSWERS: 30. steer, 31. smog, 32. illicit, 33. frightening, 34. frightening, 35. excite, 36. pollute, 37. villain, 38. sprawl, 39. fertilization, 40. upfront

41. erd boy	n.	a short trip that is taken to perform a specified task, such as to take a message or to take or collect something
42. scream ak	adv.	in a restless or uncontrolled manner, typically associated with a violent outburst or rampage
43. rect with family	<i>v</i> .	to connect again after a break or interruption
44. evil vin	n.	a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
45. run an erd	n.	a short trip that is taken to perform a specified task, such as to take a message or to take or collect something
46. s_o organization	n.	a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
47. inI development	ν.	to fill in or complete a space, usually by adding material to fill gaps or voids; (noun) the act of filling in or adding material to a space or gap, often used in construction or architecture to describe the process of filling in open spaces in a building or development
48. grck situation	n.	a situation in which traffic or progress is obstructed due to congestion, blockage,

ANSWERS: 41. errand, 42. amok, 43. reconnect, 44. villain, 45. errand, 46. silo, 47. infill, 48. gridlock

or a lack of movement; a deadlock or

impasse in negotiations or

decision-making

- 49. bu____ze a person into buying
- v. to level or clear an area of land using a bulldozer (= a large, heavy vehicle with a blade on the front); to use force or the threat of force to make them do something or to get them to move out of the way

50. nuclear s_o

 a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others

51. s__g alert

 a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas

52. se____te by race

- v. to separate or set apart from others, often based on race, gender, or some other characteristic
- 53. an en___e for foreign residents
- a distinct portion of territory or a community that is completely surrounded by another territory or community; a small, isolated group or area within a larger community or society

54. fr____y exit

 a major highway designed for high-speed traffic, with no stoplights or grade crossings and having interchanges or access roads to other highways

ANSWERS: 49. bulldoze, 50. silo, 51. smog, 52. segregate, 53. enclave, 54. freeway

55.	the ante for aging	n.	a chemical substance or remedy that stops or controls the effects of a poison or disease
56.	sete boys and girls	ν.	to separate or set apart from others, often based on race, gender, or some other characteristic
57.	buze a mound	ν.	to level or clear an area of land using a bulldozer (= a large, heavy vehicle with a blade on the front); to use force or the threat of force to make them do something or to get them to move out of the way
58.	ferion process	n.	the process of joining a sperm and an egg to produce an embryo
59.	revion project	n.	the process of giving new life or energy to something
60.	utn goal	adj.	ideal and perfect; relating to or resembling a utopia (= an ideal and perfect society)
61.	a sense of welng	n.	the state of being happy and healthy and prosperous
62.	leather pocok	n.	a small bag or purse usually carried in a pocket or worn on the wrist or shoulder for carrying money and other small personal items; a book or guide that contains information or tips on a particular subject, such as travel or fashion
63.	revion of humanity	n.	the process of giving new life or energy to something

ANSWERS: 55. antidote, 56. segregate, 57. bulldoze, 58. fertilization, 59. revitalization, 60. utopian, 61. well-being, 62. pocketbook, 63. revitalization

64. st_r a stead	dy course	ν.	to control the direction or movement of a vehicle; to direct a course of action; to guide or motivate someone
65. inI the ca	vity with a dental filling	ν.	to fill in or complete a space, usually by adding material to fill gaps or voids; (noun) the act of filling in or adding material to a space or gap, often used in construction or architecture to describe the process of filling in open spaces in a building or development
66. taay me	essage	n.	a message or conclusion that can be taken away from a situation or piece of information
67. asd eve	eryone	<i>v</i> .	to surprise or shock someone with wonder very much
68. oxon ph	ırase	n.	a figure of speech that combines contradictory terms, such as "jumbo shrimp" or "deafening silence"
69. pery c	ountries	n.	the outer edge or margin of something, especially a geographical area or a group of people
70. pocok	issues	n.	a small bag or purse usually carried in a pocket or worn on the wrist or shoulder for carrying money and other small personal items; a book or guide that contains information or tips on a particular subject, such as travel or fashion
71. indus	student	adj.	hardworking, diligent, and persistent in effort

ANSWERS: 64. steer, 65. infill, 66. takeaway, 67. astound, 68. oxymoron, 69. periphery, 70. pocketbook, 71. industrious

72.	cultural ene	n.	a distinct portion of territory or a community that is completely surrounded by another territory or community; a small, isolated group or area within a larger community or society
73.	asd the viewer	<i>v</i> .	to surprise or shock someone with wonder very much
74.	indus worker	adj.	hardworking, diligent, and persistent in effort
75.	an envist political party	n.	a person who is concerned with and advocates for the protection of the natural environment
76.	go ak	adv.	in a restless or uncontrolled manner, typically associated with a violent outburst or rampage

ANSWERS: 72. enclave, 73. astound, 74. industrious, 75. environmentalist, 76. amok

Session 3: Fill in the Blanks

1.	The rush hour traffic in the city often leads to on the highways.
n.	a situation in which traffic or progress is obstructed due to congestion, blockage, or a lack of movement; a deadlock or impasse in negotiations or decision-making
2.	The angry customer began running in the store, knocking over displays and screaming at employees.
adv	in a restless or uncontrolled manner, typically associated with a violent outburst or rampage
3.	The roads to the airport were heavily
<i>v</i> .	to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
4.	The lush vegetation across the wonderfully landscaped gardens.
ν.	to sit, lie, or fall with one's arms and legs spread out
5.	The new gym membership has improved his and overall health.
n.	the state of being strong and active; energy
6.	The news of the pandemic was a reminder of the fragility of human health.
adj	causing fear or alarm, or very surprising and alarming
7.	The of the soil allowed for a bountiful harvest.
n.	the process of joining a sperm and an egg to produce an embryo
	SWERS: 1. gridlock, 2. amok, 3. congested, 4. sprawls, 5. vitality, 6. frightening, 7. ilization

15.	He had a vision of a world without war.
adj	ideal and perfect; relating to or resembling a utopia (= an ideal and perfect society)
16.	He was arrested for his activities in the black market.
adj	forbidden by law, rules, or custom; not approved of or socially acceptable
17.	We are responsible for the care and of all our employees.
n.	the state of being happy and healthy and prosperous
18.	The news of her promotion her.
v.	to make someone feel suddenly enthusiastic or eager
19.	We choose transportation that has a smaller carbon
n.	a mark of a foot, shoe, or animal's foot left on a surface
20.	Knowledge is the to fear.
n.	a chemical substance or remedy that stops or controls the effects of a poison or disease
21.	The farmer used a to store feed for the animals.
n.	a tall, cylindrical structure, usually made of concrete or steel, that is used for storing grain, feed, or other dry materials; a system or structure that is isolated or separate from others
22.	The of the downtown area brought new life to the community.
n.	the process of giving new life or energy to something
23.	She pulled her wallet out of her to pay for the groceries.
n.	a small bag or purse usually carried in a pocket or worn on the wrist or shoulder for carrying money and other small personal items; a book or guide that contains information or tips on a particular subject, such as travel or fashion
	SWERS: 15. utopian, 16. illicit, 17. well-being, 18. excited, 19. footprint, 20. idote, 21. silo, 22. revitalization, 23. pocketbook

ANSWERS: 24. periphery, 25. enclave, 26. ride-sharing, 27. takeaway, 28. pollute, 29. segregate, 30. upfront

31.	The final result was nothing short of
v.	to surprise or shock someone with wonder very much
32.	He sent me on an
n.	a short trip that is taken to perform a specified task, such as to take a message or to take or collect something
33.	The lobby changed the mindset of many conservative politicians.
n.	a person who is concerned with and advocates for the protection of the natural environment
34.	The of his anxiety was evident in his shaking hands.
n.	a visible or tangible form of something, especially a particular sign of a disease or condition
35.	The heavy in the city was causing health issues for the residents.
n.	a type of air pollution that forms a mixture of smoke and fog resulting from the combustion of fossil fuels, industrial activity, and motor vehicle emissions in urban areas
36.	The construction workers will the trench with concrete.
v.	to fill in or complete a space, usually by adding material to fill gaps or voids; (noun) the act of filling in or adding material to a space or gap, often used in construction or architecture to describe the process of filling in open spaces in a building or development
37.	The in the movie was a complex character with a tragic backstory.
n.	a character in a story, movie, or play which often opposes the hero, typically characterized as immoral, evil, or cruel
	SWERS: 31. astounding, 32. errand, 33. environmentalist, 34. manifestation, 35. og, 36. infill, 37. villain

38. After a long period of estrangement, they _____ with each other.

v. to connect again after a break or interruption

ANSWERS: 38. reconnected