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Vocabulary Builder Reference from...

Paul Moller: My dream of a flying car | TED Talk https://www.ted.com/talks/paul_moller_my_dream_of

_a_flying_car



Advanced Words Only

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Session 1: Word List

hummingbird

- a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
- (1) **hummingbird** feeder, (2) **hummingbird** nest Watching a **hummingbird** at a flower is like observing a miniature ballet of nature.

hover

- v. to stay in one place in the air synonym: hang, float over, drift
- (1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

volant

adj. capable of flying or moving quickly through the air; flying or airborne

synonym: flying, aerial, soaring

(1) volant bird, (2) volant insect

The painting depicted several **volant** fairies darting through a moonlit forest.

nimble

adj. quick and light in movement or action

synonym: agile, quick, flexible

(1) **nimble** handling, (2) **nimble-minded** person

His **nimble** movements allowed him to navigate the crowded streets with ease.

vibrate

crane

 to move or cause anything to move fast and in small increments from side to side

synonym: oscillate, convulse, jerk

- (1) **vibrate** at a regular frequency, (2) **vibrate** with anger During the flight, the wings of the plane **vibrate**.
- n. a large, tall machine used for moving heavy objects by suspending them from a beam or hook

synonym: hoist, derrick, winch

(1) **crane** operator, (2) **crane** construction

The construction workers used a **crane** to lift the heavy beams.

determinant

 a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

aft

- adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
- (1) aft cabin, (2) aft view

The **aft** section of the ship suffered significant damage after the collision with the reef.

hundredfold

adj. a hundred times as great or as much

(1) rise nearly **hundredfold**, (2) improve **hundredfold**The development team reported two **hundredfold** increases in performance.

unbeknownst

adv. without the knowledge or awareness of someone;without someone's knowledge or participation

synonym: secretly, covertly

(1) **unbeknownst** to me, (2) **unbeknownst** to any of us **Unbeknownst** to the family, the treasure had been hidden in the attic for years.

powerplant

 a facility designed for generating electricity or other forms of power, typically through the use of turbines, engines, or other power-generating mechanisms

synonym: generator, power station, power center

(1) **powerplant** emissions, (2) nuclear **powerplant**The **powerplant** operator monitors the equipment and power output to ensure everything runs smoothly.

takeoff

 a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne

synonym: leaving, departure, liftoff

(1) vertical takeoff, (2) takeoff run

Our aircraft is now ready for takeoff.

adage

 a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim

synonym: saying, proverb, maxim

(1) proverbial adage, (2) famous adage

He lived by the wise **adage** "honesty is the best policy" and was respected for his straightforward approach.

aeronautics

the science or art of designing, building, and flying aircraft

synonym: aviation, aerospace, flying

(1) **aeronautics** industry, (2) **aeronautics** research He studied **aeronautics** in college and worked as an aerospace engineer.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym: brace, steady, secure

(1) stabilize prices, (2) stabilize blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

macabre

adj. gruesome, grisly; relating to death synonym: grotesque, gruesome, sinister

(1) macabre tales of war, (2) macabre art

The **macabre** scene in the horror movie gave her nightmares for weeks.

hawk

 a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

synonym: militarist, jingo, aggressor

(1) cast off a hawk, (2) congressional hawk

That team signed a center forward who was a ball- hawk.

rotary

adj. relating to, revolving around, or characterized by rotation or a revolving motion

synonym: circular, revolving, spinning

(1) **rotary** motion, (2) **rotary** tool

The **rotary** engine is known for its smooth and efficient operation.

horsepower

 a unit of power used to measure the output of mechanical engines, specifically the amount of work that one horse can do in a set amount of time

synonym: HP, power, energy

(1) maximum **horsepower**, (2) engine **horsepower**The company's new generator has a **horsepower** rating of 1000, making it ideal for large buildings.

parachute

 a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air

(1) **parachute** troops, (2) golden **parachute**This training includes emergency escape drills with **parachutes**.

upscale

adj. denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers

synonym: luxurious, high-end, elite

(1) **upscale** neighborhood, (2) **upscale** brand

The restaurant was decorated in an **upscale** style, making it feel luxurious.

situ

adj. short for "situated," meaning located or placed in a particular position or circumstance

synonym: situational, contextual, circumstantial

(1) ex- **situ** conservation, (2) in- **situ** control Melanoma in **situ** is considered the earliest stage of melanoma and has a high cure rate with appropriate treatment.

aphorism

 a concise statement that expresses a general truth or moral principle; a pithy and memorable statement that is meant to be easily remembered and understood

synonym: maxim, adage, proverb

(1) **aphorism** writer, (2) famous **aphorism**"A penny saved is a penny earned" is a well-known **aphorism** about the value of frugality.

Session 2: Spelling

1.	cre operator	n.	a large, tall machine used for moving heavy objects by suspending them from a beam or hook
2.	humrd feeder	n.	a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
3.	roy motion	adj.	relating to, revolving around, or characterized by rotation or a revolving motion
4.	vertical taf	n.	a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne
5.	improve hunId	adj.	a hundred times as great or as much
6.	pate troops	n.	a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
7.	vie at a regular frequency	v.	to move or cause anything to move fast and in small increments from side to side
8.	maximum hor er	n.	a unit of power used to measure the

output of mechanical engines,

specifically the amount of work that one horse can do in a set amount of time

ANSWERS: 1. crane, 2. hummingbird, 3. rotary, 4. takeoff, 5. hundredfold, 6. parachute, 7. vibrate, 8. horsepower

9.	stze blood sugar levels	<i>v</i> .	to become or cause to become steady or unlikely to give way
10.	congressional hk	n.	a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
11.	mae tales of war	adj.	gruesome, grisly; relating to death
12.	proverbial ade	n.	a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim
13.	nie handling	adj.	quick and light in movement or action
14.	ex-su conservation	adj.	short for "situated," meaning located or placed in a particular position or circumstance
15.	upe brand	adj.	denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers
16.	stze prices	<i>v</i> .	to become or cause to become steady or unlikely to give way
17.	vot bird	adj.	capable of flying or moving quickly through the air; flying or airborne
18.	nuclear pownt	n.	a facility designed for generating electricity or other forms of power, typically through the use of turbines, engines, or other power-generating mechanisms

ANSWERS: 9. stabilize, 10. hawk, 11. macabre, 12. adage, 13. nimble, 14. situ, 15. upscale, 16. stabilize, 17. volant, 18. powerplant

19.	aercs industry	n.	the science or art of designing, building, and flying aircraft
20.	hor between life and death	v.	to stay in one place in the air
21.	rise nearly hunld	adj.	a hundred times as great or as much
22.	vot insect	adj.	capable of flying or moving quickly through the air; flying or airborne
23.	apsm writer	n.	a concise statement that expresses a general truth or moral principle; a pithy and memorable statement that is meant to be easily remembered and understood
24.	unbst to any of us	adv.	without the knowledge or awareness of someone; without someone's knowledge or participation
25.	a_t cabin	adj.	(the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
26.	in-su control	adj.	short for "situated," meaning located or placed in a particular position or circumstance
27.	cast off a hk	n.	a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
28.	vie with anger	v.	to move or cause anything to move fast and in small increments from side to side
29.	hor around the table	ν.	to stay in one place in the air

ANSWERS: 19. aeronautics, 20. hover, 21. hundredfold, 22. volant, 23. aphorism, 24. unbeknownst, 25. aft, 26. situ, 27. hawk, 28. vibrate, 29. hover

30.	unbst to me	adv.	without the knowledge or awareness of someone; without someone's knowledge or participation
31.	pownt emissions	n.	a facility designed for generating electricity or other forms of power, typically through the use of turbines, engines, or other power-generating mechanisms
32.	famous ade	n.	a short and memorable saying or phrase that expresses a commonly held truth or belief, often based on experience or tradition; a proverb or maxim
33.	humrd nest	n.	a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
34.	famous apsm	n.	a concise statement that expresses a general truth or moral principle; a pithy and memorable statement that is meant to be easily remembered and understood
35.	upe neighborhood	adj.	denoting products, services, or properties that are considered high-end luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers
36.	engine horer	n.	a unit of power used to measure the output of mechanical engines, specifically the amount of work that one horse can do in a set amount of time

ANSWERS: 30. unbeknownst, 31. powerplant, 32. adage, 33. hummingbird, 34. aphorism, 35. upscale, 36. horsepower

37.	golden pate	n.	a device used to slow the motion of people or objects through an atmosphere consisting of a large piece of thin cloth that is attached to them and opens out in the air
38.	a detnt of crop yields	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
39.	aercs research	n.	the science or art of designing, building and flying aircraft
40.	cre construction	n.	a large, tall machine used for moving heavy objects by suspending them from a beam or hook
41.	taf run	n.	a departure, especially of airplanes; the initial ascent of an airplane as it becomes airborne
42.	a_t view	adj.	(the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
43.	nie-minded person	adj.	quick and light in movement or action
44.	roy tool	adj.	relating to, revolving around, or characterized by rotation or a revolving motion
45.	mae art	adj.	gruesome, grisly; relating to death
46.	environmental detnt	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 37. parachute, 38. determinant, 39. aeronautics, 40. crane, 41. takeoff, 42. aft, 43. nimble, 44. rotary, 45. macabre, 46. determinant

_	Vocab-Builder Ref from	"Paul Moller: My	dream of a flying	car TED Talk"	(23 words)
ANSWERS	•				
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Session 3: Fill in the Blanks

1.	The raising of interest rates the inflation rate.
<i>v</i> .	to become or cause to become steady or unlikely to give way
2.	The construction workers used a to lift the heavy beams.
n.	a large, tall machine used for moving heavy objects by suspending them from a beam or hook
3.	During the flight, the wings of the plane
<i>v</i> .	to move or cause anything to move fast and in small increments from side to side
4.	The painting depicted several fairies darting through a moonlit forest.
adj	. capable of flying or moving quickly through the air; flying or airborne
5.	The scene in the horror movie gave her nightmares for weeks.
adj	gruesome, grisly; relating to death
6.	"A penny saved is a penny earned" is a well-known about the value of frugality.
n.	a concise statement that expresses a general truth or moral principle; a pithy and memorable statement that is meant to be easily remembered and understood
7.	The operator monitors the equipment and power output to ensure everything runs smoothly.
n.	a facility designed for generating electricity or other forms of power, typically through the use of turbines, engines, or other power-generating mechanisms
	SWERS: 1. stabilizes, 2. crane, 3. vibrate, 4. volant, 5. macabre, 6. aphorism, 7. verplant

8.	The restaurant was decorated in an	_ style, making it feel luxurious.
adj.	denoting products, services, or properties to luxurious, or exclusive; (adverb) in a way to intended to appeal to affluent consumers	•
9.	That team signed a center forward who was	a ball
n.	a bird of prey typically having short rounde of an aggressive policy on foreign relations	•
	The section of the ship suffered significathe reef.	ant damage after the collision with
adj.	(the opposite of "forward") located at or towaircraft, or other vehicle	vards the rear or back of a ship,
	One of success is having a poethic.	sitive attitude and a strong work
n.	a factor, circumstance, or condition that co or determining of a particular outcome or re	
12.	The development team reported two	increases in performance.
adj.	a hundred times as great or as much	
13.	The engine is known for its smooth a	and efficient operation.
adj.	relating to, revolving around, or characterize	ed by rotation or a revolving motion
	The company's new generator has a for large buildings.	rating of 1000, making it ideal
n.	a unit of power used to measure the outputhe amount of work that one horse can do	• • • • • • • • • • • • • • • • • • • •
	SWERS: 8. upscale, 9. hawk, 10. aft, 11. det horsepower	erminant, 12. hundredfold, 13. rotary,

15.	He studied	in college and worked as an aerospace engineer.
n.	the science or art of des	igning, building, and flying aircraft
16.	He lived by the wisestraightforward approach.	_ "honesty is the best policy" and was respected for his
n.		saying or phrase that expresses a commonly held truth experience or tradition; a proverb or maxim
17.	Watching anature.	at a flower is like observing a miniature ballet of
n.		y specialized beak and wings that allow it to hover in d wingbeats and ability to fly in any direction
18.	This training includes eme	ergency escape drills with
n.		e motion of people or objects through an atmosphere ce of thin cloth that is attached to them and opens out
19.	Melanoma in is conscure rate with appropriate	sidered the earliest stage of melanoma and has a high treatment.
adj	short for "situated," mea circumstance	ning located or placed in a particular position or
20.	Two birds were	overhead.
<i>v</i> .	to stay in one place in th	ne air
21.	Our aircraft is now ready t	or
n.	a departure, especially of becomes airborne	of airplanes; the initial ascent of an airplane as it
	SWERS: 15. aeronautics, hovering, 21. takeoff	16. adage, 17. hummingbird, 18. parachutes, 19. situ,

22	to the family, the treasure had been hidden in the attic for years.
adv.	without the knowledge or awareness of someone; without someone's knowledge or participation
	His movements allowed him to navigate the crowded streets with ease. quick and light in movement or action

ANSWERS: 22. Unbeknownst, 23. nimble