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Vocabulary Builder Reference from...

Chad Orzel: What is the Heisenberg Uncertainty Principle? | TED Talk

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

Advanced Words Only

IMPORTANT

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Session 1: Word List

probabilistic

adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

synonym : probable, statistical, likely

(1) **probabilistic** model, (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

ripple

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

synonym : wave, undulation, fluctuation

(1) a **ripple** of laughter, (2) **ripple** in the water

Many businesses felt the **ripple** effect of the economy's decline.

wavy

adj. characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat

synonym : curly, undulating, rippled

(1) **wavy** pattern, (2) **wavy** sea

The model's hair was long and **wavy**, cascading down her back in soft waves.

germ

n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one

synonym : bacterium, microbe, pathogen

(1) antibiotic-resistant **germ**, (2) a **germ-free** environment

The **germ** of his idea came from watching birds flying in flocks.

physicist

n. a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

Session 2: Spelling

1. antibiotic-resistant g__m
n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
2. pro_____tic model
adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
3. w__y sea
adj. characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat
4. a g__m-free environment
n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
5. theoretical ph_____st
n. a scientist who specializes in the field of physics
6. pro_____tic approach
adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
7. w__y pattern
adj. characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat
8. a ri___e of laughter
n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

ANSWERS: 1. germ, 2. probabilistic, 3. wavy, 4. germ, 5. physicist, 6. probabilistic, 7. wavy, 8. ripple

9. ri___e in the water

n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind

10. talented ph_____st

n. a scientist who specializes in the field of physics

ANSWERS: 9. ripple, 10. physicist

Session 3: Fill in the Blanks

1. In a _____ system, the outcome is uncertain and can vary based on chance.
adj. characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
2. The _____ of his idea came from watching birds flying in flocks.
n. a very tiny living that causes the disease; a piece of something such as an organism, concept, etc., capable of growing into a new one or part of one
3. Einstein was an outstanding and famous _____ of the 20th century.
n. a scientist who specializes in the field of physics
4. Many businesses felt the _____ effect of the economy's decline.
n. a small wave on the surface of a liquid, typically caused by an object falling into it or a slight wind
5. The model's hair was long and _____ cascading down her back in soft waves.
adj. characterized by a series of curves, undulations, or bends that create a rippled or serpentine appearance; not straight or flat

ANSWERS: 1. probabilistic, 2. germ, 3. physicist, 4. ripple, 5. wavy,