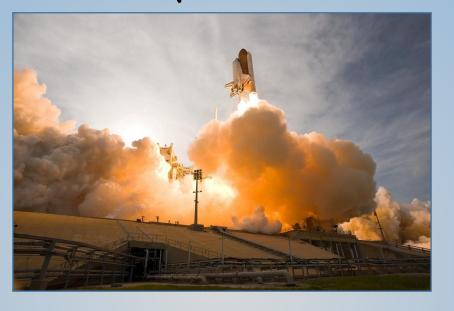
Word family

Noun - Initiation

Eg - Initiation ceremony

Adjective - Initial

Eg - the initial thoughts are ...



Etymology - Where does the word "initiate" come from?

The word "initiate" has its origin in Latin in the mid 16th century (from Latin initiat-'begun', from the verb initiare, from initium 'beginning'.

How would you use this in a sentence?

Initiate (verb):

To begin or start something

in a sentence

We want to initiate a discussion on economics They have decided to initiate legal proceedings

Synonyms

To constitute

To found

To inaugurate

To innovate

To institute

To introduce

- Changed
- Transformed
- Amended
- Different



Subjects that use it

- Science
- History
- MFL
- RE

Meaning

change in character or configuration

<u>Use in Computer</u> <u>Science</u>

- The code has been altered by the compiler to make it more efficient
- The specs on this computer have been altered to make it fit for the task

Altered

pivotal

(adjective)

Meaning: of crucial importance in relation to the development or success of something else.

- Example: Scientists hope the development of a vaccine will play a **pivotal** role in tackling the Covid Pandemic.
- History Example: Elaudah
 Equiano and other
 abolitionists played a
 pivotal role in ending the
 Transatlantic Slave Trade.
- Synonyms vital, crucial, significant, central.

- Appraise
- Assess
- Rate



Who would use this word?

Economists, Engineers and Scientists



Evaluate

Meaning- to judge or calculate the quality, importance, amount, or value of something

It's impossible to evaluate these results without knowing more about the research methods employed

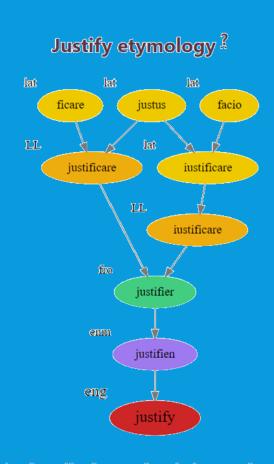


Family history should be obtained to **evaluate** the risk of genetic disorders

In their evaluation of the project, they considered only certain aspects of it.

JUSTIFY

Origin of the word In Latin, 'justus', meaning 'just' and 'facere', meaning 'to do or to make', were combined as 'justificus' or 'righteous, dealing justly'.



 If you justify something, you explain why it is reasonable or appropriate.

To *justify* is to make excuses for one's actions, like the dieter who has to *justify* the few tiny pieces of chocolate she's sneaked in between salads.

Justify – give your reasons why the business should use machinery instead of increasing wages.

Word family

Noun - Communication

Eg - Good communication

is vital

Adjective - communicative

Eg - He was very

communicative today



How would you use this in a sentence?

Communicate (verb):

To share information

in a sentence

Dolphins use sound to communicate with each other Students have to communicate well in order to achieve

Etymology - Where does the word "communicate" come from?

The word "communicate" has i's origin in Latin in the mid 16th century from the Latin communicat- 'shared', from the verb communicare, from communis – to make something common

Synonyms

To advertise.

To connect.

To convey.

To disseminate..

To transfer.

Ethical

adjective

1. relating to moral principles or the branch of knowledge dealing with these. "ethical issues in nursing"

Similar: moral

social

behavioural

relating to beliefs about what is morally right and wrong:

ethical and legal issues the ethical dilemmas surrounding genetic research

Who would use it.... **Designer, Architect, Scientist, decision makers**

Synonyms

- honest
- humane
- principled
- virtuous

- conscientious
- decent
- fair
- noble
- respectable

Ethical design means considering the context of the **product** you create.

Designers need to learn how to think about **moral** questions for themselves: What are the long-term problems facing the industry you're **designing** for? How does your **design** problem relate to or intersect with or contribute to them?

There are specific **ethical issues** of **product** integrity for each kind of **design** (engineering, communication, **industrial**, and architectural **design**), but in general the **issues** concern safety and reliability, compliance with laws and regulatory codes, sustainability in its various **aspects**, and service to the public good.

Sustainable development was **defined** in the World Commission on Environment and Development's 1987 **Brundtland** report 'Our Common Future' as 'development that meets the needs of the present without compromising the ability of future generations to meet their own needs'.

Sustainability (sustainable)

Can you think of how you might use this word in another context?

the ability to be maintained at a certain rate or level.



In geography/science an example of sustainability would be avoidance of the depletion of natural resources in order to maintain an ecological balance. Recycling is a way to sustainably manage resources as it is the re-using of them so they do not run out.

- Difference
- Distinction
- Gap
- Compare

Subjects that use it

- Maths
- DT
- Business
- Computer Science



Meaning

- the state of being strikingly different from something else
- compare in such a way as to emphasize differences.

<u>Use in Computer</u> <u>Science</u>

- The two algorithms complete the same task but their efficiency has a high contrast
- This monitor is good because it has the technology to show contrasting colours well

Contrast

divisive

(adjective)

Meaning: tending to cause disagreement or hostility between people.

- Example: The politician's comments were **divisive** and led to conflict in society.
- History Example: The twentieth century produced many divisive global conflicts, including the World Wars and the Cold War.
- Opposite word -Unifying

Transformation (noun)

Meaning:

Change of size and position (movements).

Example:

"Mrs Enache demonstrated how to perform transformations of shapes using graph

Word family

Noun - manipulation

Eg - Good grammar

Manipulation is key to success

in MFL

Adjective - manipulated

Eg - they manipulated the

configuration



Etymology - Where does the word "manipulate" come from?

The word "manipulate" has its origin in Latin – from "manus" (hand" and "plere" to fill

By the 1800s it was used to describe skillful handling of objects and people

How would you use this in a sentence?

Manipulate (verb):

To handle or control in a skilful manner To control or influence someone unscrupulously

In a sentence

The students were able to **manipulate** the future tense to describe their plans He knows how to **manipulate** the situation to achieve his goals

Synonyms

To operate

To handle

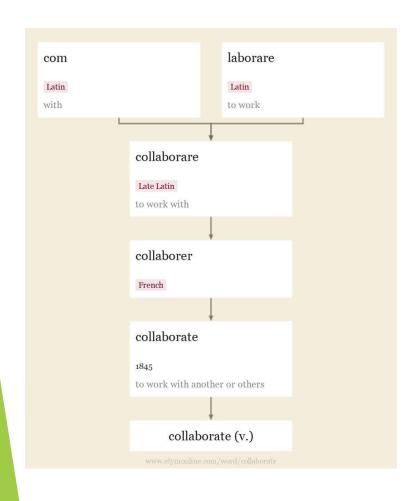
To employ

To exploit

To control

COLLABORATION / COLLABORATE

The act of working with someone to produce something.





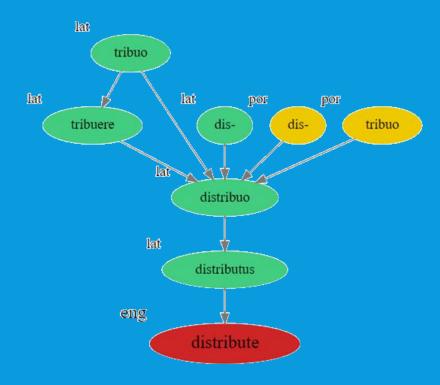
DISTRIBUTE

distribuo

Latin (lat)

I assign. I divide or distribute.

Distribute etymology?



To distribute is to disperse widely, hand out, or spread around.

This verb was first recorded in the early 15th century and has its roots in the Latin *distributus*, meaning "to divide."

Think of dividing up the last cookies in the cookie jar and passing them out to all your friends

Distribute — you'd want to distribute the products to all retail stores after manufacturing.

EVALUATE

Mid 19th century (earlier (mid 18th century) as evaluation): from French évaluer, from es- (from Latin ex-) 'out, from' + Old French value 'value'.

If you evaluate something, you decide if it is good or bad or right or wrong.

Evaluate etymology history



At the heart of the noun *evaluation* is the root word *value*, which means "worth."

So an evaluation is an examination to find the worth of something. We do this every day — maybe making an evaluation of the prices in a store to decide whether or not to shop there.

Evaluate – Evaluate whether a bank loan would be an effective source of finance for Dafydd's Florist.

Fabricate

- 1. invent (something) in order to deceive. "officers fabricated evidence"
- 2. construct or manufacture (an industrial product), especially from prepared components."you will have to fabricate an exhaust system"

Who would use it.... Author, Designer, Inventor, Architect, Scientist,

Synonyms

- Invent
- concoct
- contrive
- think up
- dream up
- manufacture

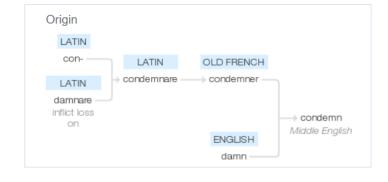
- cook up
- create
- manufacture
- produce
- construct
- build
- assemble



- He was late, so he fabricated an excuse to avoid trouble.
- An electronic circuit is fabricated on a silicon wafer
- As a makeup artist, my job is to fabricate an illusion of beauty to cover a person's blemishes.
- Although Jerry had planned to fabricate the figures in his research paper, he eventually decided to research and find valid data

CONDEMN: to criticise something or someone <u>strongly</u>, usually for <u>moral reasons</u>





The film was condemned for glorifying violence.



Galileo was **condemned** by the church and imprisoned until his death in 1642 for suggesting that the earth was not the centre of the universe.

Do not condemn him before letting him put his case forward.

All organisms in an ecosystem depend upon each other. If the population of one organism rises or falls, then this can affect the rest of the ecosystem. This means that all the organisms in an ecosystem are dependent upon each other. ... We call this **interdependence**.



Interdependence (interdependent)

Can you think of how you might use this word in another context?

the dependence of two or more people or things on each other.

Interdependence between countries means that they are dependent on one another in some way. For example, many developing countries are dependent on developed countries for manufactured goods or aid. Developed countries are dependent on developing countries for primary products such as steel and iron.

Definition Repetition of conjunctions within a sentence e.g. He was hungry and tired and saddened and depressed with nobody to care for him.

polygenetic (adj)

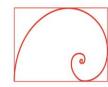
"formed by several different causes or in several different ways," 1873,

from **poly-** "many"

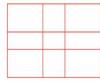
Causes the reader to slow down and draws attentions to adjectives

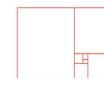
Intensifies the occurrences of within the story by the fastpace description

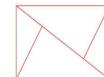


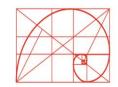












Definition of composition

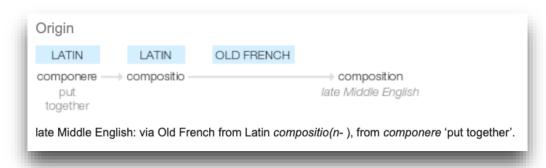
1 a : the act or process of <u>composing</u>

specifically: arrangement into specific proportion or relation and especially into artistic form

// the painting's unique composition



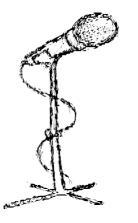




CAVEAT: a warning to consider something before taking any more action, or a statement that limits a more general statement.



"Caveat" in Latin means let him beware and comes from the verb "cavēre" ("to be on guard").



The driving instructor gave his students this *caveat*: if you are driving under the speed limit, stay in the far right lane.

Before you make your final decision, you might want to consider the caveat in this agreement.

PRACTITIONER

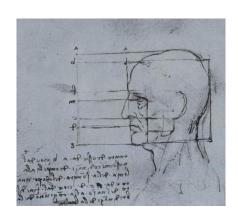
- A person actively engaged in an art, discipline, or profession.
- ► A **theatre practitioner** is someone who creates theatrical performances
- A theatre practitioner may be a director, dramatist, actor, designer or a combination of these traditionally separate roles.





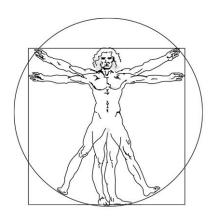


Proportion



Definition of proportion

1 : harmonious relation of parts to each other or to the whole : BALANCE, SYMMETRY





Figure



Definition of figure

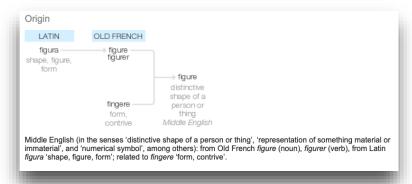
2 a : a geometric form (such as a line, triangle, or sphere) especially when considered as a set of geometric elements (such as points) in space of a given number of dimensions

// a square is a plane figure

b : bodily shape or form especially of a person

// a slender figure





Enlarge

(verb)

Meaning:

Making something(shape) bigger or smaller.

Example:

"One of the key skills in maths is to be able to enlarge a shape"

- Diverge
- Drift
- Turn away

Who would use this word?

Mathematicians
Historians
Scientists



Output may deviate from the average by as much as 30%.

Deviate

Meaning

- Departing from some accepted standard of what is normal
- To change one's course or direction



Sailors forced to deviate from their course in order to avoid the storm



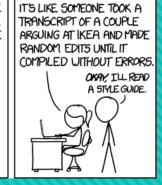
We never deviate from our principles.

Deviate from socialism and China will inevitably retrogress to semi - feudalism and semi - colonialism.

- Preserve
- Keep
- Sustain
- Continue







<u>Use in Computer</u> <u>Science</u>

- The code requires comments because it will help to maintain it
- The server requires regular maintenance so that there are no network issues

<u>Subjects that use it</u>

- PE
- Computer Science
- Science
- Geography

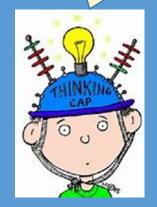
Meaning

 cause or enable (a condition or situation) to continue.

Maintain

- Interconnection
- Interrelationship
 Interrelation

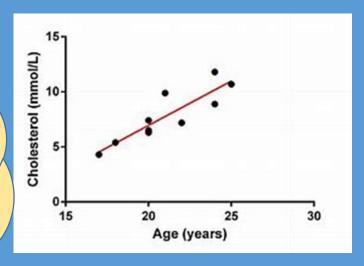
Who would use this word? Mathematicians Scientists, Geologists



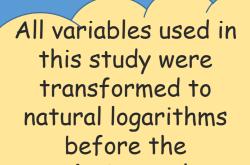
Correlation

Meaning -a mutual relationship or connection between two or more things

I reordered the values so that there was a maximum positive correlation between the two variables.



We have noticed a correlation between foggy days and attacks of wheeziness.



correlation analyses were performed.

Outwit

(verb)

Meaning:

deceive by greater ingenuity

Example:

"Ray had outwitted many an opponent"

anaphora (n.)

Repetition of words at the beginning of a sentence or clause. E.g. Romeo, Romeo wherefore art thou Romeo.

• "repetition of a word or phrase in successive clauses," 1580s, from Latin, from Greek *anaphora* "reference," literally "a carrying back," from *anapherein* "to carry back, to bring up," from *ana* "back"

This draws attention to a specific word and in this case, it demonstrates the longing for Romeo.

Perspective

(noun)

Meaning: a particular attitude towards or way of regarding something; a point of view.

- Example: There were different perspectives about the best team in the Euros
- Art Example: Modern art has rejected a traditional perspective of nature.
- Synonyms: Outlook, standpoint, view, approach

Expression (noun)

Meaning:

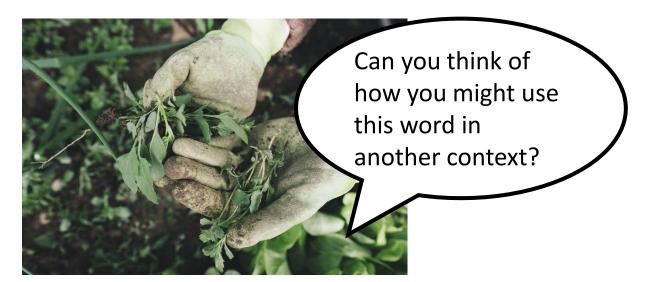
A set of terms combined using the operations.

The action of making one's thoughts known

Example:

"Ms Lad asked us to simplify an expression"

"The man had an expression of pure joy on his face"



In geography **subsistence** agriculture is the practice of growing crops and raising livestock sufficient only for one's own use, without any surplus for trade.

Subsistence (subsistent)

In accounting, the word subsistence is used to describe any transactions that relate to the consumption of food and drink. For example, if you purchase coffee for the office or pay for lunch for a client, these would be known as subsistence expenses.

the action or fact of maintaining or supporting oneself, especially at a minimal level.

Fatigue (noun)

Meaning:

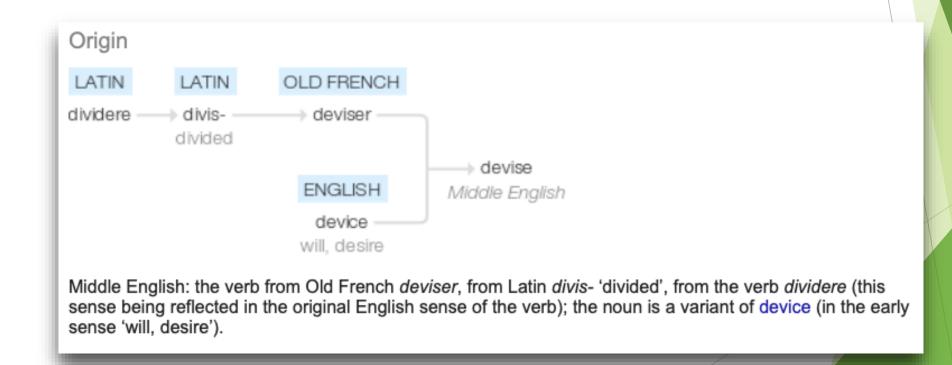
 a feeling of extreme or severe tiredness due to a build-up of lactic acid or working for long periods of time (can be mental or physical)

Example:

"After Joe's workout, he felt a great level of fatigue"

DEVISING / DEVISE

Plan or invent (a complex procedure, system, or mechanism) by careful thought.



Properties adjective

1. a characteristic or trait that you can use to describe matter by observation, measurement, or combination.

- a: quality or trait belonging and especially peculiar to an individual or thing.
- **b**: an effect that an object has on another object or on the senses.
- c: virtue sense.
- **d**: an **attribute** common to all members of a class.

Who would use it.... Engineer, Architect, Designer, Scientist

Synonyms

- attributes,
- characteristics,
- features,

- hallmarks,
- particularities,
- qualities,
- specifics,
- traits



Steel has a number of **properties**, including: hardness, toughness, tensile strength, yield strength, elongation, fatigue strength, corrosion, plasticity, malleability and creep.

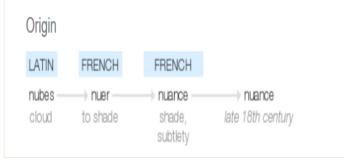


When we refer to the properties of a material, we are talking about features we can sense, measure or test. For example, if we have a sample of metal in front of us, we can identify that this material is grey, hard and shiny. Testing shows that this material is able to conduct heat and electricity and that it will react with an acid. These are some of the metal's properties

NUANCE: A subtle difference

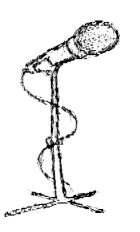


Nuance of identity helps us to see individuals, with individual stories, individual families and histories.



The difference between light lime green and lime green.

Expression or appreciation of subtle shades of meaning, feeling, or tone.



Sportsmanship (noun)

Meaning:

Conforming to the rules, spirit and etiquette of a sport

Example:

"George Mitchell Y8
Football Team showed
great sportsmanship
despite a heavy loss"

Definition
Mixture of two
senses e.g. The
smell was
oozing rapidly
from the bus.

synaesthesia (n)

"sensation in one part of the body produced by stimulus in another," 1881, in some cases via French, from Modern Latin, from Greek syn-

"together" (see **syn-**)

Intensifies the experience that the character is feeling. Adds an overwhelming feeling to the happening.