

Cymraeg

**#Caru
Cymraeg**



GRŴP COLEGAU
NPTC
GROUP OF COLLEGES

GEIRFA BIOLEG 5

BIOLOGY 5 VOCABULARY

acrosom
actifiant
adeiledd hadau
adenin
adwaith cadwynol
polymeras
ailgyfuniad
ailgyfuniadau
ailgyfunol
alel(au)
allfridio
allgyrchydd
amlder alelau
amrywiad
amrywiad:
• parhaol / di-dor
• amharhaol
• etifeddol
• anetifeddol
anadlydd aerosol
anaemia cryman-gell
anaffas
anffrwythlondeb
croesryw
anifail lletyol
anther(i)
antheri datblygol
archbla
arddangosiad paru
arloeswyr
arunigo
arwahaniad
arwahanu genynnol
asidau amino

acrosome
activation
seed structure
adenine
polymerase chain
reaction
recombination
recombinance
recombinant
allele(s)
outbreeding
centrifuge
frequency of alleles
variation
variation:
• continuous
• discontinuous
• heritable
• non-heritable
aerosol inhaler
sickle cell anaemia
anaphase
hybrid sterility

animal host
anther(s)
developing anthers
super pest
courtship display
pioneers
isolation
non-disjunction
gene segregation
amino acids

asio
atgenhedlu
atgynhyrchu
awtosomau
awtotroff

basau ategol
biodanwydd
blastocyst
blŵm/blymau algaid
bridio
briger
brych
safleoedd bridio

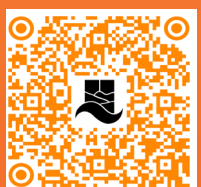
cadwraeth
cadwyn polypeptid
caethiwed
caill/ceilliau
caledlen
calyxs
canlyniadau
gwirioneddol
carpel
carsinogen
cefnfor
ceillgwd
cell genhedlol
cell y corff (cell somatig)
celloedd anifail
celloedd bonyn
celloedd Sertoli

fuse
reproduction (sexual)
reproduction (non-sexual)
autosomes
autotroph

complementary bases
biofuel
blastocyst
algal bloom(s)
breeding
stamen
placenta
breeding sites

conservation
polypeptide chain
captivity
testicle/testes
callus
calyx
observed results

carpel
carcinogen
ocean
scrotum
generative cell
somatic cell
animal cells
stem cells
Sertoli cells



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**#Love
Welsh**



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cellraniad
cen / cen coed
cenedlaeth/
cenedlaethau
centromer
Chi sgwâr
chwarennau llaeth
chwarren itwïdol flaen
chwarren brostad
chwilyddyddion DNA
ymbelydrol
ciasmata
cigysyddion
cilfach
clon
clonio
clonio embryo
cnewyllan
cnewyllyn (cnewyll)
cnewyllyn haploid
cnydau bwyd
cod genynnol
cod tripled
coden embryo
coedwigaeth reoledig
coedwigo
coetir
coetir brodorol
colofnig ofwl
corola
corona radiata
corpus luteum
cotyledon(au)
craig noeth

cell division
lichens
generation(s)

centromere
Chi square
mammary glands
anterior pituitary gland
prostate gland
radioactive DNA probes

chiasmata
carnivores
niche
clone
cloning
embryo cloning
nucleolus
nucleus (nuclei)
haploid nucleus
food crops
genetic code
triplet code
embryo sac
managed forestry
forestation
woodland
native woodland
ovule style
corolla
corona radiata
corpus luteum
cotyledon(s)
bare rock

cromosom
homologaid
cromosomau rhyw
cronfa fwyd
croth (y groth)
cyd-drechedd
cydosod

cyfanswm genynnol
cyfathrach rywiol
cyffredinol
cyfnod cylchdro hir
cyfryngau detholus
cymdogaethau
cymhlygyn
codon- gwrthgodon
cymunedau arloesol
cymunedau
uchafbwynt
cynaliadwyedd
cynefinoedd naturiol
cyneginyn
cyn-geni
cynghori
/cwnsela geneteg
cynheilydd
cynhesu byd-eang
Cynhwysiant
cynhyrchedd eilaidd
cynhyrchedd cynradd
net (CCN)
cynhyrchiant crynswth
cynhyrchiant net

homologous
chromosome
sex chromosomes
food reserve
uterus
co-dominance
arrange/ set up/
assemble
gene pool
sexual intercourse
universal
long rotation time
selective agencies
demes
codon-anticodon
complex
pioneer communities
climax communities

sustainability
natural habitats
plumule
pre-natal
genetic counselling

receptacle
global warming
capacitation
secondary productivity
net primary productivity
(NPP)
gross production
net production



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cyn-symptomatig
cynwreiddyn
cystadleuaeth:
• **ryng-rywogaethol**
• **mewn-rywogaethol**
cysylltedd
cysylltedd rhyw
cytocinesis
cytosin
cytrefu/ ailgytrefu
cytundeb Kyoto

pre-symptomatic
radicle
competition:
• **inter-specific**
• **intra-specific**
linkage
sex linkage
cytokinesis
cytosine
colonise/ recolonise
Kyoto agreement

dethol naturiol
detholiad naturiol
deuhybrid/
deugroesryw
digymell
dad-ddirwyn
deufalent
digymar
dilyniant bas
dilyniant bas cyflenwol

natural selection
natural selection
dihybrid

spontaneous
unzip/ unwind
bivalent
unpaired
base sequence
complementary base
sequence

DNA polymerase
replicate
semi-conservative
replication
non-overlapping

datblygiadau adeiledig
datgoedwigo
detholiad
detholiad artiffisial
diflaniad (difodiant)
rhywogaeth
draenio
dadelfenyddion
detritisyddion
diflanedig
difodiant
dilyniant/dilyniannau
di-haint
dilead
dilyniant
dilyniannu
DNA ailgyfunol
DNA ansyddogaethol
DNA estron
DNA ligas
DNA y rhoddwr

built development
deforestation
selection
artificial selection
species extinction

drainage
decomposers
detritivores
extinct
extinction
sere/seres
sterile
deletion
sequence
sequencing
recombinant DNA
non-functional DNA
foreign DNA
DNA ligase
donor DNA

DNA polymeras
dyblygiad
dyblygiad lled-gadwrol
ddim yn gorgyffwrdd

edafedd DNA
echdynnu mawn
ecodwristiaeth
ecosystem
ecsin
ecsploetio
edefyn
effaith sylfaenydd
Effeithlonrwydd ecolegol
crynswth
eginiad
electrofforesis
embryo
embryonau datblygol
enciliol
endometriwm

thread of DNA
peat extraction
ecotourism
ecosystem
exine
exploitation
strand
founder effect
gross ecological
efficiency
germination
electrophoresis
embryo
developing embryos
recessive
endometrium



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endoniwcleas cyfyngu

**endosberm
ensym cyfyngu
epididymis
epil
eplesydd
erydiad pridd
esblygiad
etifeddiad Mendelaidd
ewtroffigedd**

**fector
fesigl seminal
Ffactorau amgylcheddol
Ffactorau genetig
ffactorau rhagdueddu
ffnoteip
ffeuen (ffa)
ffibrosis cystig
ffilament
ffoligl Graaf
ffrwythlondeb
ffrwythloni in vitro (IVF)
ffrwythloniad
ffurfiant hadau
ffynhonnell egni**

**gametogenesis
genoteip
genyn
genyn(nau)
genyn marcio**

**restriction
endonuclease
endosperm
restricion enzyme
epididymis
offspring
fermenter
soil erosion
evolution
Mendelian inheritance
eutrophication**

**vector
seminal vesicle
environmental factors
genetic factors
predisposing factors
phenotype
broad bean
cystic fibrosis
ffilament
Graafian follicle
fertility
in vitro fertilisation (IVF)
fertilization
seed formation
energy source**

**gametogenesis
genotype
gene
gene(s)
marker gene**

**Gonadotroffin
Corionig Dynol
gorbysgota
gorgenhedlu
goroesiad
graddau rhyddid
gronyn pail
Gwahaniaethu
gwain
gwanin
gwe fwyd (gweoedd
bwydydd)
gwerthyd
gwrthgodon
gwrthgyrff
monoconaidd
gwrthgyrff
monoconal
gwrthsefyll**

**hapamrywiaeth
hapddosbarthu
haploid
hadgroen
Haemoffilia
hapamrywiad
heterosygaidd
homosygaidd
hinsawdd
helaethu genynnau
heterotroff
hunanbeilliad**

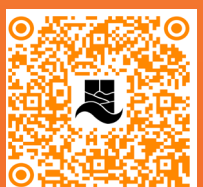
**Human Chorionic
Gonadotrophin (HCG)
Over fishing
overproduction
survival
degrees of freedom
pollen grain
differentiate
vagina
guanine
food web(s)**

**spindle
anticodon
monoclonal antibodies**

monoclonal antibodies

resist

**random assortment
random distribution
haploid
testa
haemophilia
random variation
heterozygous
homozygous
climate
gene amplification
heterotroph
self pollination**



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**is-ffrwythlondeb
intin**

**sub-fertility
intine**

**mwtagen
mwtaniadau
cromosom**

**mutagen
chromosome mutations**

**lefelau troffig
liposomau**

**trophic levels
liposomes**

Mwtaniadau genynnol

Gene mutations

**Lled-gadwrol
lleoli**

**Semi conservative
locate**

niwcleotid

nucleotide

llosgi tanwydd ffosil

burning of fossil fuels

llwyralluog

totipotent

llygod mawr

rats

llygredd

pollution

llysysyddion

herbivores

ofari/ ofariau

ovary/ ovaries

ofwl

ovule

ofwm

ovum

ôl troed carbon

carbon footprint

olyniaeth

succession

olyniaeth eilaidd

secondary succession

olyniaeth gynradd

primary succession

oncogenynnau

oncogenes

oocyt cynradd

primary oocyte

oocyt eilaidd

secondary oocyte

oogenesis

oogenesis

ögonia

oogonia

organigyn Golgi

Golgi body

mam fenthyg

surrogate

mamgelloedd

Mother cells

mandyllau'r cnewyllyn

nuclear pores

meiosis

meiosis

metaffas

metaphase

mantais ddetholus

selective advantage

mantais heterosygot

heterozygote advantage

materion moesegol

ethical matters

mecanweithiau arunigo:

isolation mechanisms:

• daearyddol

• geographical

• ymddygiadol

• behavioural

• morffolegol

• morphological

• tymhorol

• seasonal

• atgenhedlu

• reproductive

meithriniadau meinwe

tissue culture

meristem

meristem

Mewnblaniad

implantation

mewnfridio

inbreeding

mewnlifiad dŵr

uptake of water

microledaeniad

micropropagation

micropyl

micropyle

monocroesryw

monohybrid

parau homologaidd

homologous pairs

pecyn profi

pregnancy testing kit

beichiogrwydd

peilliad

pollination

peilliad gan bryfed

insect pollinated

peilliad gan y gwynt

wind pollination

peirianeg geneteg

genetic engineering

peilydr X

X-ray

peilydrau uwchfioled

ultraviolet rays

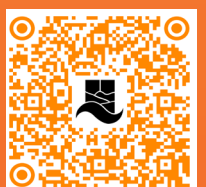
pennau gludiog

sticky ends

perchnogaeth

gene ownership

genynnau



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pericarp
petal
pidyn
pilen ffrwythloniad
Pilen gnewyllol

pilyn(nau)
planhigion trawsenynnol
planhigyn bychan
planhigyn embryo
plasmid bacteriol
polysom
proffil genetig
profion tadolaeth
proffas
prosiect genom dynol
prysgoedio
pwytiau twf
pwysau dethol
pyramid egni
pysgota masnachol

rhagdybiaeth
rhaniad meiotig
rhygwelt
rhywogaeth fridio bur
rhywogaethu / ffurfiant
rhywogaeth
rhywogaethu sympatrig
rhywogaethau alopatrig
rhywogaethau hynafiadol
rhwyd ddrifft / rhwydi
drifft

pericarp
petal
penis
fertilization membrane
Nuclear membrane/
envelope
integument(s)
transgenic plants
plantlet
embryo plant
bacterial plasmid
polysome
genetic profile
paternity test
prophase
human genome project
coppicing
growing points
selection pressure
selection pressure
pyramid of energy
commercial fishing

theory
meiotic division
ryegrass
pure breeding species
speciation

sympatric speciation
allopatric speciation
ancestral species
drift netting

rhywogaethau mewn
perygl
rhydd-ddosraniad
rhyngffas
RNA negeseuol (mRNA)
RNA trosglwyddol
(tRNA)
RNA polymeras

Safle clymu
Safle o Diddordeb
Gwyddonol Arbennig
sbermatasoa
sbermatocytâu cynradd
sbermatocytâu eilaidd
sbermatogenesis
sepal
sgrinio genetig
stigma
sygot diploid
symudiad genetig
syndrom Down
synthesu
synthesis protein
system genhedlu fenywol
system genhedlu wrywol

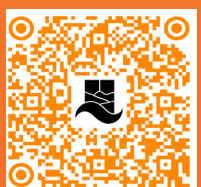
tebygolrwydd
teloffas
Templed

endangered species

independent assortment
interphase
Messenger RNA
(mRNA)
Transfer RNA (tRNA)
RNA polymerase

Binding site
Sites of Special Scientific
Interest (SSI)
spermatozoa
primary spermatocytes
secondary spermatocytes
spermatogenesis
sepal
genetic screening
stigma
diploid zygote
genetic drift
Down's syndrome
synthesise
protein synthesis
Female reproductive
system
Male reproductive System

probability
telophase
template



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therapi celloedd cenhedlu therapi celloedd llinach therapi celloedd somatig therapi genynnol tirlenwi Tuiwb pail/ peilldiwb tiwbiau Fallopio tiwbyn semen torri detholus transcriptas gwrthdro trawsbeilliad / croesbeilliad trawsblannu Trawsgrifiad trawsgroesiad trawsgroesiad trechol trosglwyddiad egni Trosiad trwytholchiad tyniad dŵr	germ cell therapy germ-line therapy somatic cell therapy gene therapy landfill Pollen tube Fallopian tubes seminiferous tubule selective cutting reverse transcriptase cross pollination transplant transcription crossing over crossing over dominant energy transfer translation leaching water abstraction	wrasil Wrethra wterws ymbelydredd ioneiddio ymgyngorydd genetig ymwrthedd gwrthfotig ysyddion cynradd zona pellucida	uracil urethra uterus ionising radiation genetic counsellor antibiotic resistance primary consumers zona pellucida
unfath	identical		
vas deferens	vas deferens		

