

**Cymraeg**

**#Caru  
Cymraeg**

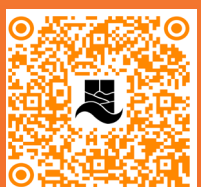


GRŴP COLEGAU  
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## **GEIRFA BIOLEG 1**

### **BIOLOGY 1 VOCABULARY**

<b>actifedd ensym</b>	<b>enzyme activity</b>	<b>atgyweirio</b>	<b>repair</b>
<b>adeiledd protein:</b>	<b>protein structure:</b>	<b>athraidd detholus</b>	<b>selectively permeable</b>
<b>adeiledd sy'n disgrifio'r</b>	<b>Structure</b>	<b>athreiddedd</b>	<b>permeability</b>
<b>gwrthrych cyfan</b>	<b>adenine</b>		
<b>OND:</b>	<b>recover</b>		
<b>ffurfiad yw is-ran o'r</b>		<b>bas organig</b>	<b>organic base</b>
<b>adeiledd</b>		<b>bas(au)</b>	<b>base(s)</b>
<b>adlyniad</b>	<b>adhesion/ adherence</b>	<b>biosynhwyrdd/ biosynwryddion</b>	<b>biosensor(s)</b>
<b>adnewyddiad</b>	<b>renewal renew</b>	<b>blaenwreiddiau</b>	<b>root tips</b>
<b>adnewyddu</b>		<b>bond deusylffid</b>	<b>disulphide bond</b>
<b>adwaith wedi'i</b>	<b>catalysed enzyme</b>	<b>bond ester</b>	<b>ester bond</b>
<b>gatalyddu gan ensym</b>	<b>reaction</b>	<b>bond glycosidig</b>	<b>glycosidic bond</b>
<b>allgellol</b>	<b>extracellular</b>	<b>bond hydroffobig</b>	<b>hydrophobic bond</b>
<b>amlen gnewyllol</b>	<b>nuclear envelope</b>	<b>bond hydrogen</b>	<b>hydrogen bond</b>
<b>amlyncu</b>	<b>engulf</b>	<b>bond ïonig</b>	<b>ionic bond</b>
<b>amodau penodol</b>	<b>specific conditions</b>	<b>bond peptid</b>	<b>peptide bond</b>
<b>amrywiad</b>	<b>variation</b>	<b>bondio hydrogen</b>	<b>hydrogen bonding</b>
<b>anactifiant/ anactifedd</b>	<b>inactivation/ inactivity</b>	<b>braster annirlawn</b>	<b>unsaturated fat</b>
<b>anaffas</b>	<b>anaphase</b>	<b>braster dirlawn</b>	<b>saturated fat</b>
<b>anhydawdd</b>	<b>insoluble</b>	<b>byffer(au)</b>	<b>buffer(s)</b>
<b>anorganig</b>	<b>inorganic</b>		
<b>arddangosiad digidol</b>	<b>digital display</b>	<b>capilaredd</b>	<b>capillarity</b>
<b>arwyddocâd</b>	<b>significance</b>	<b>casgliad</b>	<b>collection</b>
<b>asid niwclëig</b>	<b>nucleic acid</b>	<b>catalysis/ catalyddu</b>	<b>catalysis/ catalyse</b>
<b>asio</b>	<b>fuse</b>	<b>cell brocaryotig</b>	<b>prokaryotic cell</b>
<b>ataliad anghystadleuol</b>	<b>non-competitive</b>	<b>cellblat</b>	<b>cell plate</b>
	<b>inhibition</b>	<b>cell ewcaryotig</b>	<b>eukaryotic cell</b>
<b>ataliad cystadleuol</b>	<b>competitive inhibition</b>	<b>celloedd anifail</b>	<b>animal cell</b>
<b>atalydd resbiradol</b>	<b>respiratory inhibitor</b>	<b>celloedd planhigyn</b>	<b>plant cell</b>
<b>atffurfiant celloedd</b>	<b>cell regeneration</b>	<b>Cellwlos</b>	<b>cellulose</b>
<b>atgenhedlu rhywiol</b>	<b>sexual reproduction</b>	<b>centriol(au)</b>	<b>centriole(s)</b>
<b>atgynhyrchu/ atgenhedlu</b>	<b>asexual reproduction</b>	<b>centromer</b>	<b>centromer</b>
<b>anrhywiol</b>	<b>asexual</b>		



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## **GEIRFA BIOLEG 1**

### **BIOLOGY 1 VOCABULARY**

chwalu/ torri  
chwilyddydd **electrod**  
chwydd-dynn  
cisterna/ cisternâu  
citin  
cloroplast  
cludiant **actif**  
cludydd(ion)  
clymu  
cnewyllan  
cnewyllyn  
copïau **unfath**  
crebachu  
crista/ cristâu  
cromatin  
cromlin  
cromosom(au)  
crynodiad  
cyddwysiad  
cydgasglu  
cydlyniad  
cydran  
cyfnewid  
cyhyrau: **llyfn rhesog**  
cylchred y gell  
cymhlygyn (cymhlygion)  
cynhalydd **anadweithiol**  
solet  
cynhwysedd **gwres**  
sbesiffig  
cynradd **eilaidd trydyddol**  
cwaternaidd  
cyswllt **peptid**  
cytocinesis  
cytosin

break  
electrode **probe**  
turgid  
cisterna/ **cisternae**  
chitin  
chloroplast  
active **transport**  
carrier(s)  
bind  
nucleolus  
nucleus  
identical **copies**  
shrink  
crista/ **cristae**  
chromatin  
curve  
chromosomes  
concentration  
condensation  
aggregate  
cohesion  
component  
exchange  
muscle: **smooth striated**  
cell cycle  
complex  
inert **solid support**  
  
specific **heat capacity**  
primary **secondary**  
tertiary  
quaternary  
peptide **link**  
cytokinesis  
cytosine

dadelfennu  
dadnatureiddiad/  
dadnatureiddio  
damcaniaeth **ffit**  
anwythol  
darwasgiad  
dehongli  
dethol  
deusacarid(au) **e.e.**  
lactos  
moltos  
swcros  
diabetes  
diagnosis  
dyfrllyd  
  
edafyn (edafedd)  
egni **actifadu**  
egwyddorion  
eithafol  
electron **micrograffau**  
ensymau **ansymudol**  
epilgelloedd  
epitheliwm/ **epithelia;**  
ciwboid **ciliated**  
  
fesigl(au)  
ffagocytosis  
ffagocytosis  
ffit **cyflenwol**  
ffosffad  
ffosffolipid  
ffurfwedd(au)  
firws (firysau)

decompose  
denaturation  
  
theory of **induced fit**  
  
constriction  
interpret  
select  
disaccharide(s) **e.g.**  
lactose  
maltose  
sucrose  
diabetes  
diagnosis  
aqueous  
  
thread(s)  
activation **energy**  
principles  
extreme  
electron **micrographs**  
immobilised **enzymes**  
daughter **cells**  
epithelium/ **epithelia;**  
cuboidal **ciliated**  
  
vesicle(s)  
phagocytosis  
phagocytosis  
complimentary **fit**  
phosphate  
phospholipid  
configuration(s)  
virus(es)



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### **BIOLOGY 1 VOCABULARY**

gametau haploid  
genetig unfath  
genoteip  
gleiniau alginad  
glycoprotein  
goddef  
gormodedd  
graddiant crynodiad  
grana  
grŵp amino  
grŵp carbocsylog  
gwagolyn(nau)  
gwanin  
gwres cudd anweddu

gwres cudd ymdoddi  
gwrthdrawiad(au)  
gwrthgodon

haen ddwbl  
hecsos  
helics dwbl  
hologaidd  
hydoddiant hypotonig  
hydoddydd hydoddyn  
hydroffilig  
hydroffobig

isomereidd  
is-unedau

lefel trefniadaeth  
llinynnau gwrthbaralel  
llipa

haploid gametes  
genetically identical  
genotype  
alginate beads  
glycoprotein  
tolerate  
excessive/ excess  
concentration gradient  
grana  
amino group  
carboxylic group  
vacuole(s)  
guanine  
latent heat of  
vaporization  
latent heat of fusion  
collision(s)  
anticodon

double layer  
hexose  
double helix  
homologous  
hypotonic solution  
solvent solute  
hydrophilic  
hydrophobic

isomerism  
sub-units

level of organisational  
antiparallel strands  
flaccid

llwybr ymborth  
lysosym(au)  
  
maetholion  
mandyllau  
matrics anadweithiol  
mecanwaith cludiant  
mesosom  
metabolaeth  
metabolyn  
metaffas  
mewngellol  
microsgop golau  
microsgop electron  
mitochondrion/  
mitochondria  
model mosaig hylifol  
moleciwl  
monosaccharid(au) e.e.  
glwcos  
ffrwctos  
galactos

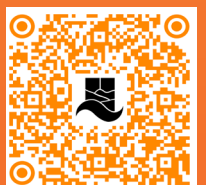
natur broteinol  
newidiadau cildroadwy  
niwcleoplasm  
niwcleotid(au)  
niwed  
nodwedd(ion)

organigyn Golgi  
organyn(nau)  
osmosis

alimentary canal  
lysozyme(s)  
  
nutrients  
pores  
inert matrix  
transport mechanism  
mesosome  
metabolism  
metabolite  
metaphase  
intracellular  
light microscope  
electron microscope  
mitochondrion/  
mitochondria  
fluid mosaic model  
molecule  
monosaccharide(s) e.g.  
glucose  
fructose  
galactose

protein nature  
reversible changes  
nucleoplasm  
nucleotide(s)  
damage  
property/ properties

Golgi apparatus  
organelle(s)  
osmosis



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### **BIOLOGY 1 VOCABULARY**

**pennu**  
**pentos**  
**pilen blasmaidd**  
**pilen gel**  
**pilen(ni)**  
**pinocytosis**  
**plasmodesma(ta)**  
**plasmolysis cychwynnol**  
**polaredd**  
**polysaccharid(au)**  
**potensial dŵr**  
**potensial hydoddyn**  
**proffas**  
**proses ddiwydiannol/**  
**prosesau diwydiannol**  
**protein crwn**  
**protein cynhenid protein**  
**anghynhenid**  
**protein ffibrog**  
**protein sianel**  
**pwrin(au)**  
**pyramidin(au)**

**reticwlwm endoplasmig**  
**garw**  
**reticwlwm endoplasmig**  
**llyfn**  
**rhagdybiaeth allwedd a**  
**chlo**  
**rheol pâr cyflenwol o**  
**fasau**  
**rhwydo**  
**rhyngffas**  
**ribosom(au)**

**determine**  
**pentose**  
**plasma membrane**  
**gel membrane**  
**membrane(s)**  
**pinocytosis**  
**plasmodesma(ta)**  
**incipient plasmolysis**  
**polarity**  
**polysaccharide(s)**  
**water potential**  
**solute potential**  
**prophase**  
**industrial Process(es)**

**globular protein**  
**intrinsic protein**  
**extrinsic protein**  
**fibrous protein**  
**channel protein**  
**purine(s)**  
**pyrimidine(s)**

**rough endoplasmic**  
**reticulum (RER)**  
**smooth endoplasmic**  
**reticulum (SER)**  
**lock and key hypothesis**  
**complementary**  
**base pair rule**

**enmeshed**  
**interphase**  
**ribosome(s)**

**RNA negeseuol**  
**RNA trosoglwyddol**

**safle(oedd) actif**  
**secretiad (exocytosis)**  
**sefydlogrwydd**  
**sianeli hydroffilig**  
**siwgr anrydwythol**  
**siwgr pentos**  
**siwgr rhydwythol**  
**startsh**  
**swbstrad(au)**  
**swyddogaeth**  
**symud ar hap**

**teloffas**  
**thylacoid(au)**  
**thymin**  
**tonoplast**  
**trawsddygiadur**  
**trawsyrru**  
**triglyserid**  
**trios**  
**trylediad cynorthwyedig**  
**tryledu/ trylediad**  
**twf canseraidd**  
**tynant arwyneb**

**unedau mympwyol**  
**uno**  
**wrasil**  
**ymddatod**  
**ymraniad anghyfyngedig**  
**ymweiniad**  
**ysgogiad trydanol**

**Messenger RNA**  
**Transfer RNA**

**active site(s)**  
**secretion (exocytosis)**  
**stability**  
**hydrophilic channels**  
**non-reducing sugar**  
**pentose sugar**  
**reducing sugar**  
**starch**  
**substrate(s)**  
**function**  
**random movement**

**telophase**  
**thylakoid(s)**  
**thymine**  
**tonoplast**  
**transducer**  
**transmit**  
**triglyceride**  
**triose**  
**facilitated diffusion**  
**diffuse/ diffusion**  
**cancerous growth**  
**surface tension**

**arbitrary units**  
**join**  
**uracil**  
**breakdown (metabolic)**  
**unrestricted cell division**  
**invagination**  
**electrical impulse**

