

Frequency of Keyword Totals - (All LE Regents Exams)

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
data analysis	100	enzyme	34
ecosystem	80	energy pyramid	32
human impact	74	diffusion	31
genetic engineering	70	competition	30
gene expression	66	mitochondria	30
DNA	64	ATP	29
food web	60	ecological succession	29
photosynthesis	60	Galapagos Finches	29
homeostasis	59	decomposer	27
natural selection	53	feedback	27
mutation	49	genetic variation	27
graph	46	placenta	27
asexual reproduction	40	clone	26
biodiversity	40	evolution	26
scientific method	38	ecosystem / stable	25
adaptation	36	carrying capacity	24
		cell membrane	24
		evolution pathway	24
		human activities	24
		immune system	24
		mitosis	24
		selective breeding	24

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
survival success	24	succession	16
differentiation	22	active transport	15
respiration	22	ribosome	15
autotroph	21	chromosome / number	14
DNA base sequences	21	ecosystem / altered	14
extinction	21	microscope	14
food chain	20	parasite / host	14
gel electrophoresis	20	stomate	14
meiosis	20	vaccination	14
abiotic	19	antibodies	13
dynamic equilibrium	18	embryonic development	13
hypothesis	18	enzyme / substrate	13
reproduction	18	food pyramid	13
synthesis	18	fossil fuels	13
variation	18	gene	13
environmental influence	17	niche	13
evolutionary relationship	17	species relationships	13
global warming	17	vaccine	13
cell structure	16	white blood cell	13
digestion	16	genetic code	12
energy transfer	16	allergy	11
paper chromatography	16	antibiotic resistance	11
population growth	16	antigens	11
recycling	16	common ancestor	11
reproduction / female	16	dialysis	11
		diffusion / membrane	11
		evolutionary tree	11

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
gene mutation	11	chloroplast	8
human activity	11	circulatory	8
organelles	11	diversity	8
osmosis	11	energy consumption	8
plasmolysis	11	enzyme activity / pH	8
protein	11	gene combinations	8
		genetic inheritance	8
cellular communication	10	habitat destruction	8
chromosome	10	human reproduction	8
electrophoresis	10	predator / prey	8
enzyme structure	10	scientific inquiry	8
evolutionary change	10	sexual reproduction	8
hormone	10		
organization	10	AIDS	7
protein shape	10	catalyst / enzymes	7
receptor molecules	10	codons	7
reproductive success	10	control	7
		DNA / base pairing	7
amino acid sequences	9	environmental factor	7
base sequences	9	fetal development	7
dependent variable	9	fossil	7
experimental testing	9	heterotroph	7
fertilization	9	metabolism	7
insulin	9	microscope technique	7
organ systems	9	nucleus	7
ovary	9	ozone	7
predators	9	recombination	7
producer	9	sperm	7
zygote	9	succession / secondary	7
		tissue	7
acid rain	8	uterus	7
biological control	8		

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
vegetative propagation	7	heredity	5
		hormones / human female	5
cancer	6	independent variable	5
carbon dioxide levels	6	industrialization	5
chemical bonds	6	male sex organs	5
DNA bases	6	meniscus	5
ecosystem / equilibrium	6	nonrenewable resource	5
evolution / similarities	6	receptor / hormone	5
finite resources	6	receptor sites	5
gametes	6	renewable resource	5
human growth	6	starch	5
human systems	6		
inference	6	amino acids	4
lab technique	6	carbon dioxide / oxygen cycle	4
organ transplant	6	carnivore	4
organic chemistry	6	chemical message	4
pollution / air	6	chromatography	4
population	6	conservation	4
receptor	6	consumer / producer	4
receptors	6	development	4
reproduction / male	6	embryo	4
waste removal	6	evolution mechanism	4
		gene alteration	4
biotic factor	5	gene splicing	4
consumer	5	genetic diversity	4
controlled experiment	5	herbivores	4
dichotomous key	5	homeostasis / feedback	4
environment / stability	5	hormones / human	4
fermentation	5	inheritance	4
genetic modification	5	interdependence	4
heart rate	5	interrelationships	4

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
limiting factors	4	metric measurement	3
male reproduction	4	mRNA codon	3
natural predators	4	nutrient recycling	3
oxygen concentration	4	pathogens	3
population / carrying capacity	4	pH / blood	3
population / environment	4	phagocytosis	3
protein function	4	population interaction	3
pulse rate	4	renewable energy	3
replication	4	response / stimulus	3
starch test / lab	4	scientific data	3
		scientific study	3
acquired characteristic	3	survival	3
antigen / antibody	3	testes	3
cell division	3	wet mount	3
cell organization	3		
chemical structure	3	absorption	2
chromosome / crossing over	3	alternate fuel	2
chromosome bands	3	amino acid chains	2
classification	3	annual rings	2
cytoplasm	3	antibiotic	2
deforestation	3	asexual	2
disease	3	autotroph / heterotroph	2
ecology	3	bacteria	2
enzyme reaction	3	bacterial growth cycle	2
evolution theory	3	biochemical processes	2
glucose	3	body mass index (BMI)	2
glucose levels	3	camouflage	2
greenhouse gases	3	cell complexity	2
laboratory procedure	3	cell function	2
leaf / guard cells	3	cell genetics	2
		cells / specialized	2

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
chromosome number / diploid	2	sickle cell anemia	2
community	2	simple sugar	2
complex molecules	2	staining	2
complexity	2	structural similarities	2
development / organism	2	technological advancement	2
direct harvesting	2	transport	2
DNA analysis	2	vacuole	2
ecology interaction	2		
ecosystem / carrying capacity	2	alternate energy	1
environmental protection	2	atomic bond	1
evolution / genetic	2	bacteria / killing	1
excretory system	2	bacterial evolution	1
functions / specialized	2	bacterial reproduction	1
Galapagos Islands	2	bar graph	1
habitat stability	2	base pairing	1
hormone / human female	2	biological organization	1
lab	2	cells	1
LAB1	2	centimeter measurement	1
LABA	2	chemical stimulus	1
measurement	2	chemistry	1
mitosis / differentiation	2	current events	1
muscle fatigue	2	daphnia	1
overpopulation	2	diabetes	1
pH level	2	diffusion / active transport	1
plant cell	2	disease transmission	1
pollution / water	2	DNA electrophoresis	1
population equilibrium	2	ecological niche	1
red cell	2	ecology / producers	1
regeneration	2	ecosystem stable	1
scavenger	2	embryology	1
		energy / home	1

<u>KEYWORD</u>	<u>COUNT</u>	<u>KEYWORD</u>	<u>COUNT</u>
energy pyramod	1	muscle cramps	1
environmental quality	1	muscles / oxygen	1
epigenetics	1	mutagenic chemical	1
ethics	1	mutation / deletion	1
evolution / finches	1	mutation / recombination	1
evolution inheritance	1	nerve cells	1
fetus blood	1	nuclear waste	1
gene recombination	1	organ function	1
gene size	1	organism / characteristics	1
genetic continuity	1	organism competition	1
genetic resistance	1	organization / cell	1
genetics	1	parasite / decomposer	1
geographic isolation	1	passive transport / diffusion	1
glucose test	1	phages	1
growth curve	1	photosynthetic microbes	1
habitats	1	pollination	1
homologous structures	1	pollination / insect	1
hormones pregnancy	1	population size	1
human life cycle	1	positive impact	1
human organs	1	prions	1
human population / reducing	1	producer / prey	1
human response	1	reaction time	1
indicator	1	red cells / crenated	1
inorganic	1	reproductive cells	1
key	1	ruler measurement	1
LAB5	1	secondary succession	1
leaf / starch content	1	secondhand smoke	1
marsupials	1	sequencing	1
molecular motion	1	sex hormones	1
mRNA	1	sex organs	1

<u>KEYWORD</u>	<u>COUNT</u>
soil nutrients	1
sperm duct	1
stain	1
statistical analysis	1
survival of the fittest	1
transport / oxygen	1
virus structure	1
vitamin	1
water balance	1

<u>KEYWORD</u>	<u>COUNT</u>
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Unique Keywords 396

Total Questions 3482