

My Revision Notes Ccea Gcse Biology

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Prepare effectively for your CCEA GCSE Biology exams with comprehensive revision notes. This essential study guide offers clear, concise explanations and structured content, designed specifically to help students in Northern Ireland master the Biology GCSE curriculum. Perfect for consolidating knowledge and boosting your grades, it's your go-to resource for successful exam preparation.

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My Revision Notes Ccea Gcse Biology

GCSE Biology Paper 1 Revision - GCSE Biology Paper 1 Revision by emmatheteachie 777,845 views
4 years ago 2 hours, 32 minutes - This video will cover all of the content you need to know for **GCSE Biology**, Paper 1 (AQA). Download **my revision**, workbooks and ...

Intro

Cell Biology

Animal Plant Cells

Eukaryotic and Prokaryotic Cells

Specialized Cells

Diffusion

Osmosis

Active Transport

Mitosis and the Cell Cycle

Stem Cells

Organisation

Digestive System

Enzymes

Factors affecting enzymes

Digestive enzymes

The blood

All of BIOLOGY PAPER 1 in 20 mins - GCSE Science Revision Mindmap 9-1 AQA - All of BIOLOGY PAPER 1 in 20 mins - GCSE Science Revision Mindmap 9-1 AQA by Science Shorts 740,643 views 3 years ago 21 minutes - NEW & IMPROVED VERSION: <https://youtu.be/x2Gi9SKNI98> pdf: <http://scienceshorts.net/resources> Join the Discord for support!

Intro

Cells, organelles, mitosis & meiosis

DNA & Microscopy

Diffusion, osmosis & active transport

Respiration & photosynthesis - rates & limiting factors

Infection, antibodies & immunisation/vaccination

Antibiotics, developing drugs & monoclonal antibodies

Plant diseases, defenses & mineral deficiency

Leaf, stem & root structure; transpiration

Food tests & enzymes

Lungs, heart & circulatory system

Non/communicable diseases, health risks & causation

All of AQA BIOLOGY Paper 1 in 25 minutes - GCSE Science Revision - All of AQA BIOLOGY Paper 1 in 25 minutes - GCSE Science Revision by Science Shorts 157,936 views 8 months ago 23 minutes

- Test your knowledge using **my**, super cool quiz! <https://youtu.be/WUgxIVE0LaQ> ...

Intro

CELLS: Microscopy

Cell biology

Microbiology practical (TRIPLE)

Mitosis

Specialisation & cloning

Diffusion, osmosis & active transport

ORGANISATION: Cells, tissues, organs

Enzymes

Food tests

Respiratory system

The heart

Circulatory system

Non-communicable diseases

Plant structure

Leaf structure

INFECTION & RESPONSE: Communicable diseases & pathogens

Defences & immune response

Antibiotics & drug development

Monoclonal antibodies (TRIPLE)

BIOENERGETICS: Photosynthesis

Respiration & metabolism

How to get FULL MARKS in Biology GCSE - Answer Questions with Me - (Get a GRADE 9) - How to get FULL MARKS in Biology GCSE - Answer Questions with Me - (Get a GRADE 9) by Smile With Sola 109,827 views 1 year ago 23 minutes - Ever wonder why you keep losing marks on the question despite knowing the answer? Putting in the work for **Biology**, but still not ...

Intro

How to ACE the Different Question Types

High Yield Topics

How to get FULL MARKS in GCSE Biology

Outro

GCSE Biology Topic 1 - Cell Biology | Science Revision in under 10 Minutes! - GCSE Biology Topic 1 - Cell Biology | Science Revision in under 10 Minutes! by Brainstorm - Maths and Science 1,444 views 1 year ago 8 minutes, 2 seconds - In this video I cover the whole of the Cell Biology Topic for **GCSE Biology**, A great **revision**, tool, make **notes**,, pause when you need ...

GCSE Biology Revision "Photosynthesis" - GCSE Biology Revision "Photosynthesis" by Free-sciencelessons 766,884 views 6 years ago 5 minutes, 13 seconds - In this video, we look at photosynthesis. We start by looking at the word equation and then the formulas of all the molecules ... freesciencelessons

Photosynthesis

Autonomy Education Ltd 2017

EXAM RESULTS DAY Vlog, The Most Emotional Day I've Ever Had | Rosie McClelland - EXAM RESULTS DAY Vlog, The Most Emotional Day I've Ever Had | Rosie McClelland by Rosie McClelland 320,185 views 6 months ago 15 minutes - Rosie McClelland is a singer, songwriter and actress with a combined social media following of over 4 million. Rosie was first ...

All of Biology in 9 minutes - All of Biology in 9 minutes by Sciencephile the AI 1,842,221 views 3 years ago 9 minutes, 31 seconds - Biology, – a beautiful field of mathematics where division and multiplication are the same thing. Since we're doing bad **biology**, ...

HOW TO GET ALL 9s IN YOUR GCSES (Tips & Tricks That They Don't Tell You) - HOW TO GET ALL 9s IN YOUR GCSES (Tips & Tricks That They Don't Tell You) by Smile With Sola 318,218 views 2 years ago 16 minutes - In 2018, I got 8 9s and 1 8 in **my**, GCSEs - there were certain things that I

did that helped me with this in particular, allowing me to ...

Intro

Stage 1: Priorities

Stage 2: Timetabling & Scheduling

Stage 3: Effective Cramming

Stage 4: Exam Questions

Outro

YOU'RE NOT DUMB | How to go from Grade 5/6 to 8/9 in your GCSEs in 3 months - YOU'RE NOT DUMB | How to go from Grade 5/6 to 8/9 in your GCSEs in 3 months by Smile With Sola 66,147 views 1 year ago 13 minutes, 27 seconds - Welcome back to another video - in today's video I'm going to be giving you the best improvement tips and tricks for your GCSEs.

Intro

Step 1: Utilise the Specification

Step 2: Understand

Step 3: Mocks

Step 4: Past Papers

Step 4: Ask for Help

Outro

HOW I SCORED TOP 2% in GCSE UK EXAMS - GRADE 9 IN EVERY SUBJECT (and how you can too!) - HOW I SCORED TOP 2% in GCSE UK EXAMS - GRADE 9 IN EVERY SUBJECT (and how you can too!) by Smile With Sola 103,207 views 1 year ago 22 minutes - In this video, I reveal **my**, secret tips and tricks into how I scored in the top 1% of GCSEs in England and how you can too!

Intro

The Grade 9 Mindset

How to Manage Time Effectively

Study like a Grade 9 Student

Key to Grade 9

Outro

HOW TO GET A GRADE 9 IN GCSE SCIENCE (Triple & Combined) | Secrets They Don't Tell You - HOW TO GET A GRADE 9 IN GCSE SCIENCE (Triple & Combined) | Secrets They Don't Tell You by Smile With Sola 174,049 views 1 year ago 19 minutes - In 2018, I got all 9s in **Biology**, Chemistry and Physics. In this video, I'll be giving you the tips and tricks I wish someone had told ...

Intro

Best way to understand & memorise content

Effective exam practice

Specific advice for each science

Outro

American Takes British GCSE Higher Maths! - American Takes British GCSE Higher Maths! by Evan Edinger 3,664,324 views 4 years ago 48 minutes - Thank you so much for watching! Hope you enjoyed it! If you're new to **my**, channel and videos, hi! I'm Evan Edinger, and I make ...

Profit Percentage

Front Elevation of the Pyramid

Work Out the Total Surface Area the Pyramid

The Area of the Triangle

Statistics

Geometry

Find a Formula for Y in Terms of X

Probability Problem

Find the Equation of a Line

General Marking Guidance

Isosceles Triangle

GCSE Mocks | Most Effective Ways To Study - GCSE Mocks | Most Effective Ways To Study by Udoka Fintelmann 758,732 views 3 years ago 9 minutes, 19 seconds - In this weeks video I speak about **GCSE**, Mocks including **my**, plan and some effective methods of **revision**, for each subject.

Intro

Should you revise for mocks

Bad revision methods

Triple Science

Maths

English

History

Religious Studies

My (rough) revision plan

Outro

HOW TO GET A GRADE 9 IN GCSE MATHS (Top Tricks They Don't Tell You) - HOW TO GET A GRADE 9 IN GCSE MATHS (Top Tricks They Don't Tell You) by Smile With Sola 391,208 views 1 year ago 15 minutes - In 2018, I got a grade 9 in **GCSE**, Mathematics. This was an absolute shocker for me as I was never the best at Maths and this was ...

Intro

Losing Marks

Exam Technique

How to answer any question

Outro

GCSE Biology - Why Do We Get Heart Disease and How to Treat It? - Cardiovascular Disease (CVD) #47 - GCSE Biology - Why Do We Get Heart Disease and How to Treat It? - Cardiovascular Disease (CVD) #47 by Cognito 195,539 views 5 years ago 5 minutes, 16 seconds - Cardiovascular disease encompasses a group of diseases. Explore what each of these are and how we can treat them. Diseases: ...

Cardiovascular Disease

Treatments for Coronary Heart Disease

Heart Failure

Advantages of Artificial Hearts

GCSE Biology - The Heart #23 - GCSE Biology - The Heart #23 by Cognito 624,533 views 5 years ago 5 minutes, 3 seconds - This video covers the structure and function of the heart, the double circulatory system, the associated blood vessels, pacemaker ...

Introduction

Circulatory system

The heart

Pacemaker

CCEA GCSE Biology Unit 1 Topic Revision, Exam Technique, and Tips - CCEA GCSE Biology Unit 1 Topic Revision, Exam Technique, and Tips by The Science Diorama 69 views 1 month ago 1 hour, 42 minutes - Hi, in this stream we are going to cover the 2022 **GCSE Biology**, Unit 1 Past Paper, Mark Scheme, and Examiner Report. We'll be ...

All of BIOLOGY PAPER 2 in 20 mins - GCSE Science Revision Mindmap 9-1 AQA - All of BIOLOGY PAPER 2 in 20 mins - GCSE Science Revision Mindmap 9-1 AQA by Science Shorts 271,167 views 3 years ago 20 minutes - NEW & IMPROVED VERSION: <https://youtu.be/gXR1YALaoL4> pdf: <http://scienceshorts.net/resources> Join the Discord for support!

Intro

Nervous system, reflexes & neurones

Brain

Eye

Endocrine system: glands & hormones

Pancreas, insulin & diabetes

Menstruation cycle

Thermoregulation: sweating, vasodilation

Kidneys & water control

Contraception & fertility treatments (AI, IVF)

Plant hormones, auxin, phototropism

Sexual & asexual reproduction, meiosis

DNA & protein synthesis - genes, chromosomes, triplets

Variation, dominant & recessive genes, Punnett square

Genetic engineering

Theory of evolution - Darwin & Lamarck

Protein shape & cloning

Ecology definitions: ecosystem, habitat, community

Predator-prey cycle/relationship

Sampling: quadrat & transect

Carbon & water cycles

Classification: Linnaeus & Woese, binomial (Latin) system

Human impact on biodiversity

GCSE Biology - Cell Types and Cell Structure #2 - GCSE Biology - Cell Types and Cell Structure #2 by Cognito 597,119 views 2 years ago 6 minutes, 49 seconds - In this video, we cover: - The different types of cell (Eukaryotic and Prokaryotic) - The differences and similarities between the ...

Intro

What are cells

Human cells

Cell structure

Bacteria

how to get a 9/A* in GCSE BIOLOGY | GCSE revision tips ep3 - how to get a 9/A* in GCSE BIOLOGY | GCSE revision tips ep3 by Radhika's Life 12,709 views 3 years ago 11 minutes, 13 seconds - CCEA GCSE Biology Third Edition: <https://amzn.to/3tTAZIC> * **My Revision Notes**,: **CCEA GCSE Biology**,: <https://amzn.to/2SVHtdt> ...

Intro + information about GCSE playlist

Exciting announcement!!

How I use BBC Bitesize

Textbooks I think you should buy

Discount code for textbooks

Practicals, practicals and more practicals

How to properly use a specification

A common mistake which results in marks being lost

Past paper questions

SCAM ALERT

Radhika's final tip *very important

Just general outro things...

GCSE Biology Revision "Respiration" - GCSE Biology Revision "Respiration" by Freesciencelessons 564,377 views 6 years ago 4 minutes, 3 seconds - In this video, we look at how energy is released in respiration. First we explore the ideas behind aerobic respiration and then look ...

Introduction

Muscle respiration

Fermentation

GCSE Biology Revision "Osmosis" - GCSE Biology Revision "Osmosis" by Freesciencelessons 710,838 views 6 years ago 3 minutes, 59 seconds - In this video, we look at osmosis. First we look at the definition of osmosis and I take you through the key ideas. Then we explore ...

place an animal cell in a very concentrated solution

place the plant cell into a concentrated solution

describe the effect of osmosis on animal and plant cells

GCSE Biology Revision "Cell division by Mitosis" - GCSE Biology Revision "Cell division by Mitosis" by Freesciencelessons 1,188,910 views 6 years ago 3 minutes, 44 seconds - In this video, we start by looking at chromosomes. We then explore the cell-cycle involving mitosis and why this is important.

Introduction

Chromosomes

Cell cycle

how I revise (GCSE) : notes, flashcards etc. - how I revise (GCSE) : notes, flashcards etc. by ani^ 66,974 views 11 months ago 9 minutes, 25 seconds - this video took light years to edit but I did enjoy it :3 hopefully some of you found this helpful! its the way i made a video about ...

intro

maths

religious education

geography

science

spanish

GCSE Biology Revision "Family Trees" - GCSE Biology Revision "Family Trees" by Freesciencelessons 250,233 views 5 years ago 4 minutes, 47 seconds - In this video, we look at family trees. I show you how to interpret a family tree and we look at some of the most common exam ...

They do not have cystic fibrosis but they are a carrier.

We also looked at polydactyly which is caused by a dominant allele.

A person only has to inherit the faulty allele from one parent in order to develop polydactyly.

You only need one copy of a dominant allele to show the characteristic.

Let us look at some typical exam questions.

Work out the genotype of person 2

Give one piece of evidence that cystic fibrosis is caused by a recessive allele.

If we look at person 11, we can see that they have cystic fibrosis.

If persons 7 and 8 had another child, what is the chance that it would have cystic fibrosis?

As we know, persons 7 and 8 are both carriers, in other words they are heterozygous.

When two cystic fibrosis carriers reproduce, the probability of one of their offspring having cystic fibrosis is 25% ...

This shows a family tree for polydactyly.

Remember that polydactyly is dominant.

What is the genotype of person 3?

If persons 6 and 7 have another child, what is the probability that they have polydactyly?

This shows the Punnett square that we saw in the video on polydactyly.

In this cross, the probability of any offspring having polydactyly is 50% or 1 in 2.

GCSE Biology Revision "The Nervous System" - GCSE Biology Revision "The Nervous System" by Freesciencelessons 786,121 views 5 years ago 3 minutes, 40 seconds - In this video, we look at the structure of the nervous system and then explore how the reflex arc protects us from danger.

In the last video, we saw that the human body keeps internal conditions as constant as possible.

Scientists call this homeostasis.

Homeostasis involves automatic control systems.

A key part of homeostasis involves the nervous system.

The nervous system consists of two parts.

and send electrical impulses down neurones to the central nervous system.

The word neurones is another way of saying nerve cells.

The central nervous system is the coordination centre.

A key role of the nervous system is that it enables humans to react to their surroundings...

One way that this is done is through the reflex arc.

The reflex arc is a very common exam question so you need to make certain that you learn all the stages.

We are going to look at what happens when you touch a hot object.

First the stimulus is detected by a receptor.

In this case the stimulus is heat and the receptor is in the skin.

Electrical impulses now pass from the receptor along a sensory neurone to the central nervous system.

Remember that sensory neurones are connected to receptors ...

At the end of the sensory neurone is a junction called a synapse.

At the synapse, a chemical is released.

This chemical now diffuses across to a relay neurone in the central nervous system ... where it triggers an electrical impulse.

The electrical impulse now passes across the relay neurone ...

This chemical triggers an electrical impulse in a motor neurone.

The electrical impulse now passes down the motor neurone to an effector.

The muscle now contracts and pulls the hand away from the heat.

Remember that pulling the hand away is called the response.

There is one important point that I need to make about reflexes.

However, in the case of reflexes there is no decision making by the conscious part of the brain.

This makes reflexes automatic and rapid.

So because they are rapid, reflexes help to protect us from danger.

GCSE Pupils Open Their Exam Results Live On Air | Good Morning Britain - GCSE Pupils Open Their Exam Results Live On Air | Good Morning Britain by Good Morning Britain 344,238 views 1 year ago 6 minutes, 50 seconds - GCSE, pupils receive their results today, after A-level students picked theirs up last Thursday. This year's candidates are the first to ...

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