

Welcome to Year 10 Information Evening





Welcome



Mr Eoin Kelly	Headteacher
Mrs Michelle Alexander	Deputy Headteacher; SLT Line Manager for K\$4
Mr Owen Nichols	Assistant Headteacher; Teaching and Learning
Miss Guiheen	Head of Year 10 (Population A)
Miss Smith	Head of Year 10 (Population B)

Our school prayer

Gracious God, Let us remain in harmony, United together; All of one heart and one will. Let us be bond to one another By the bond of love, Respecting each other, Helping each other, And bearing with each other In Jesus Christ. For if we try to be like this, Without doubt, You, Lord God, Will be in our midst. Amen







Our Purpose

Our school theme for 2024-25 is 'Pilgrims of Hope' to reflect the Church year theme chosen by Pope Francis

Our Year 10 virtues are:

- Autumn term Attentive
- Spring term Leading For Justice
- Summer term Acting With Truth





My commitment to you





Governors' Fund

As a Voluntary Aided School this means that all **Capital Works** undertaken around the school are **10% funded by the parents**.

These works could not be undertaken without the Voluntary donation of parents to the school.

In recent years these works have included:

- T Levels Refurbishment to accommodate T Level Nursing.
- Katherine Johnson Building This houses T Level Digital, Business and T Level Science.
- New Roof at St Angela's.
- New Doors, Floors and Boilers in the St Georges Block.
- Complete renovation of our main kitchen /dining room.
- LED lighting throughout the Main School.

Additionally, The Fund contribute to the School's **Chaplaincy programmes** to sustain and develop the School's charism and ethos, and our **Laptop Scheme** which ensures all students have a laptop



This funding enables us to provide the high standards of our environment which is conducive to outstanding education and outcomes.

This donation amount takes into consideration the cost of **Capital Works**, our **Chaplaincy programmes**, and the **Laptop Scheme**. The donation also covers insurance and protection software to ensure that students are kept safe and not accessing inappropriate sites and content.

Without your donations we won't be able to supply all children with a new laptop.

We suggest a donation of £30 a month, for the duration of the student's education at the Ursuline, and an initial deposit of £30 for the registration of all students.

For families that can afford it, donations of higher values are welcome.

If your daughter qualifies for Free School Meals or if you have any financial difficulties, please contact the finance department to discuss.

We have received completed forms from many families, thank you. For anyone wishing to sign up please

complete the forms this week. If you have any questions or need help with the forms, contact our Finance Team at Donations@ursulinehigh.merton.sch.uk



Miss Guiheen - Population A Miss Smith - Population B



Tonight we'll cover

- Who's who in the Y10 tutor team
- ▶ How and when to contact the school
- ► How we will communicate with you
- Essential guide to learning at UHS
- Measuring progress in learning
- Pastoral Care
- Enrichment



The Year 10 Team

10 Angela	Gareth Davies (Science)	Gareth.davies
10 Aligeta	Garcui Davies (Science)	Garctii.davics
10 Bernadette	John Fitzgerald (Art)	John.fitzgerald
10 Catherine	Sulumenty Odhiambo (RE)	Sulumenty.Odhiambo
10 Francis	Georgia McNichol (Maths)	Georgia.mcnichol
10 Margaret	Jacob Tyler (Maths)	Jacob.tyler
10 Teresa	Niall Carton (Geography)	Niall.carton
10 Ursula	Caroline McColgan (Science)	Caroline.mccolgan



Contacting us

Please use email to contact us

- ► Form tutors general enquires about the Ursuline, friendship issues, organisation, homework, clubs/enrichment, uniform, equipment, travelling to/from school, punctuality, trips/calendar events. (email address on previous slides)
- ► Head of Year or Pastoral Support Assistant Mental health, bullying, safeguarding, online safety, absence request forms, request for your daughter to receive school counselling/educational well-being practitioner, financial support/free school meals.
- <u>Erin.Guiheen@ursulinehigh.merton.sch.uk~</u>
 Paige.Smith@ursulinehigh.merton.sch.uk Heads of Year
- Sylvia.Brown@ursulinehigh.merton.sch.uk pastoral support 0203 908 3105 (non teaching)
- Ms Young Attendance and punctuality/lateness. All absences and lates must be reported via email or phone no later than 8:30am.
 Bernadette.young@ursulinehigh.merton.sch.uk 0203908 3144
- ▶ Subject teachers must be contacted for any subject specific enquiries.
- Our IT Helpdesk is available to help with any parent portal, laptops, and other IT queries. laptop.doctor@ursulinehigh.merton.sch.uk
- All staff contact details can be found on the <u>Ursuline directory</u> on our website and in the year group curriculum guide.



Parental Engagement and Communication

- We are committed to ensuring parents/carers are engaged in supporting their daughter's academic progress and personal development.
- Parents are given many opportunities over the year to meet with their daughters' teachers and tutors to discuss their progress, and in receive regular progress reports.
- We provide opportunities for parents/carers to learn more about the world their daughter's live in, through resource sharing, information evenings, and specialist sessions on issues such as online safety and mental health.
- We are committed to effectively communicating with our parents and carers about school life and we use a range of mediums incl. email, website, information meetings, communications from the Head and other staff, our suite of newsletters and social media.
- We communicate with all primary guardians via email. There can be more than 1 primary guardian per student. Exceptions include consent forms for trips and parent meeting bookings here we communicate with 1 guardian only. This is to avoid receiving two responses.
- We communicate with the email addresses on record. Do let us know if you details do change.
- Emails will come from Ursuline High School or a staff member. We recommend notifications are enabled, that you add us to your safe senders list, and remember to check your junk/spam to ensure nothing important/urgent is missed.
- Please check for emails from the school daily, to ensure you are up to date on news from the school.
- We use a suite of portals to support various elements of our students' learning journeys, including Arbor (records & reports), Evolve (consent forms/trips), and ParentPay (lunches & other payments).
- If you're on Instagram and you don't already follow us, please do. You can find us @uhswimbledon. This is not compulsory important communications will be shared directly.
- Visit the website to read more about our <u>Communications Strategy</u> and <u>Parent Portals</u>.



Key dates for your diary

- 25th September -12:45 early close for Open Evening
- 26th September 9:25am start
- 9th October 12:50 early close for 6th form open evening
- 17th October KS4 and KS5 Parental Workshop online: media and safety.
- 24th October 12:50 Early close for ARD
- 25th October Academic Review Day
- 25th October Half Term
- 4th November Inset Day
- 5th November Autumn B starts



Attendance & Punctuality

- ▶ We want the students to be in school wherever possible.
- We must know if your daughter is not attending by 8.30am as this is a safeguarding duty either by phone or email Bernadette.young@ursulinehigh.merton.sch.uk 02039083144
- ► The school's attendance target is 96%
- We monitor all students, and if your daughter has an attendance below 94% you will be sent a letter
- Students with excellent attendance have a much higher chance of succeeding socially and academically
- Punctuality is monitored daily, any student who is late will receive a 30 mins detention on that day, the student and the parent will be notified by email by 11am, failure to attend will result in a Friday detention for an hour.
- If your daughter needs to leave school early, or is coming in late after an appointment, please email Bernadette.young@ursulinehigh.merton.sch.uk and ask her to bring the proof of the appointment.



Travel to and from school

- We strongly encourage all students to walk to and from Wimbledon or Raynes Park for onward travel.
- ► KS4 Students may use the Lower Downs Road bus stop
- Agreed use of 57 and 131 bus services for travel to Wimbledon and Raynes Park; 200 and other services should only be used by students whose homes are served directly by these routes.
- Students must be considerate of our neighbours regarding noise and must never enter a residents garden or sit on walls/railings.
- No gathering in Wimbledon or Raynes Park. Students to travel straight home.
- ▶ No more than 4 students together.
- ▶ Travel carefully (e.g using crossings, avoiding use of airpods/headphones etc).



Homework

- Students are set one homework per week for most subjects
- ► For English, Maths and Science they have two
- Students have, in general, a week to complete each homework
- ► All students have a planner and this is a very importance sources of information for parents
- Please review the planner weekly and sign



Mr Nichols - Teaching & Learning



Our approach to Teaching & Learning

- ▶ We have an ambitious curriculum with high academic rigour that ensures our students develop a lifelong passion for learning.
- Our curriculum is content rich, where students are taught the skills to retain their knowledge with fluency and are able to apply this knowledge creatively and with purpose.



A research-informed curriculum & pedagogy

- A research informed curriculum means that we use the latest research and evidence to ensure best teaching practice for Ursuline students.
- ► This involves:
- The use of retrieval practice to embed knowledge in long term memory.
- ► ❖ Feedback in a variety of styles that deepens the learning. Students are expected to act on this.
- Modelling and scaffolding of work.
- ► ❖Ambitious and challenging curricula designed by subject specialist leads. Expect your daughter to struggle at times and get things wrong. This is how we learn.



Revision and

Revision and consolidation of learning MUST be ongoing revision has to start now! (yes, even at the start of Year 10)

The only path to success in GCSE is hard work





Linear Learning

- 1. Knowledge Flashcards/notes and revision materials throughout the course. Knowledge Mats.
- 2. Learn Revise throughout the course and not just at the end. Flashcards should be used at all times.
- 3. Apply Do as many questions as possible and use the mark schemes to adapt your revision materials.





Where to get this?

MS Teams — knowledge mats, revision guides, practice questions, syllabus.

All of this is in the Year 10 Revision Materials Team





How can we revise?

- Active revision.
- ► Not passive sitting and reading the work isn't enough.
- ▶ Re-writing the work isn't enough.
- ► Highlighting some printed text isn't enough
- ▶ When revision is passive, the students don't learn or understand the information in such a way that they can apply their knowledge to unfamiliar situations (AO3).
 - ▶ This can be worth 40% of your marks...



ontrols the permeability of the cells to water in this region.

of urea

get rid of the waste products of metabolism, especially nitrogenous waste ic if it accumulates. Many terrestrial mammals, including humans, excret n the liver from carbon dioxide and ammonia. Excess amino acids are d H₂ group). In a metabolic pathway, known as the ornithine cycle, the aroxide undergo a series of reactions, which result in the production of the blood to the kidneys, where it is removed in the urine.

ırine

molecular mass (less than 68 000 rmm) through the walls of the Bowman's capsule into the lumen of the renal corpuscle. The meable due to the presence of pores between the cells of their is between the cells and through the basement membrane. The of the nephron is assisted by specialised cells, the podocytes nan's capsule. Glomerular filtrate is produced at the rate of is reabsorbed from the nephron.

ains water, ions, urea, amino acids, glucose and some sman vitamins and hormones. It does not contain any blood of more than 68 000. In the proximal convoluted tubule, gluco cively reabsorbed into the capillary network. As a result of the ar passes back into the capillary network by osmosis. About 50 affuses back into the blood, due to the concentration gradients.

What not to do...

gy Online Teachers' Guide

Nelson Thornes







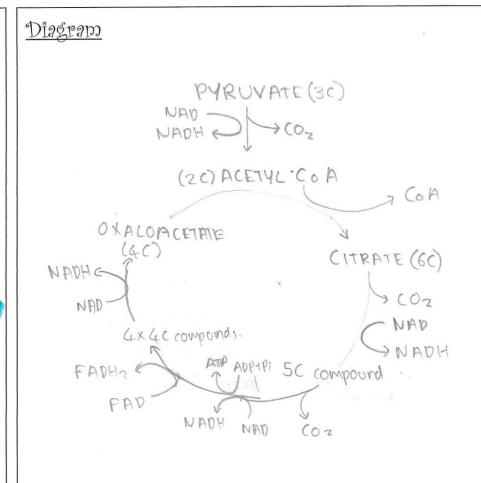
Notes.

- This is not rewriting the work.
 - It's expressing it in a different format.
 - Convert a diagram to text.
 - Convert a text to a diagram
 - Create tables, flow charts and mind maps
 - Do simple bullet point summaries that cover just one page
 - Annotate work sheets or information sheets, don't just highlight the key words. Take ownership of anything printed.



Krebs cycle – look at the text and convert it to a diagram.

ical reactions carried out in the living cell; in most , including humans, it is essential for the oxidative glucose and other simple sugars. The breakdown of on dioxide and water is a complex set of chemical ns called carbohydrate catabolism, and the Krebs cond of three major stages in the process, occurring lysis and oxidative phosphorylation. This cycle, also citric acid cycle, was named in recognition of the st Hans Krebs, whose research into the cellular lucose contributed greatly to the modern of this aspect of metabolism. The name citric acid d from the first product generated by the sequence of e., citric acid. The reactions are seen to comprise a as citric acid is both the first product and the final regenerated at the conclusion of one complete set of angements. Citric acid is a so-called tricarboxylic g three carboxyl groups (COOH). Hence the Krebs mes referred to as the tricarboxylic acid (TCA) bs cycle begins with the condensation of one compound called oxaloacetic acid and one molecule a derivative of coenzyme A; see coenzyme). The f acetyl CoA is derived from pyruvic acid, which is degradation of glucose in glycolysis. After e oxaloacetic acid and acetyl CoA react to produce serves as a substrate for seven distinct enzymeis that occur in sequence and proceed with the intermediate compounds, including succinic and malic acid. Malic acid is converted to hich, in turn, reacts with yet another molecule of oducing citric acid, and the cycle begins again. ic acid cycle produces, simultaneously, two dioxide and eight atoms of hydrogen as on dioxide generated is an ultimate end akdown and is removed from the cell by the toms are donated as hydride ions to the sport molecules, which allow for oxidative st higher plants, in certain microorganisms, scherichia coli, and in the algae, the citric a form called the glyoxylate cycle, so minent intermediate, glyoxylic acid.



ATP used; O
ATP made; \
NADH made;
FADH made;
CO2 made;

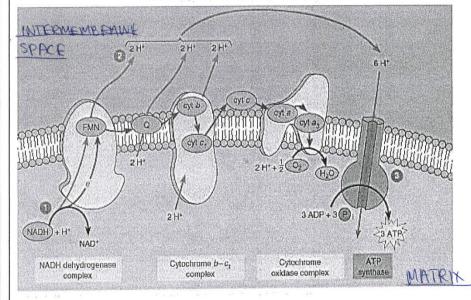
Lesson 3

Electron Transport Chain – look at the diagram and convert it to text.

Pext. This occurs using electron corries embedded in the inner mitochandrial membranes which are folded into cristae for a greater surface area. Reduced WAP and reduced FAD are reoxidised when they donate split into protons and alectrons) to the electron carriers. The H+ are pumped into the intermombrane space and dre unable to travel back into the watrix. This creates a concentration gradient. They can diffuse through ion channels associated with ATP synthas e. This flow of protons is chemiosmosis. .This stimulates oxidative phosphorylation: as protons flow through an ATP synthase Enzyme, they drive the joining of APP+Pi to form

Diagram

ELECTRON TRANSPORT CHAIN

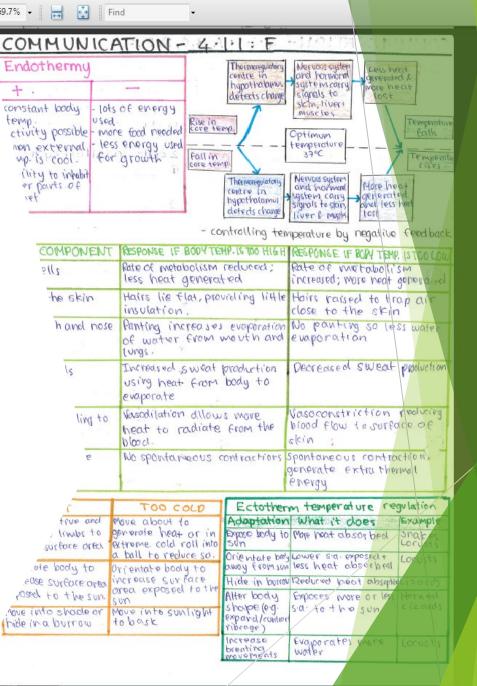


ATP used; 2
ATP mode; 3
NADH mode; 0
EADH mode; 0
CO2 mode; 0

tinal electron acceptor and combines with hydrogen to make water

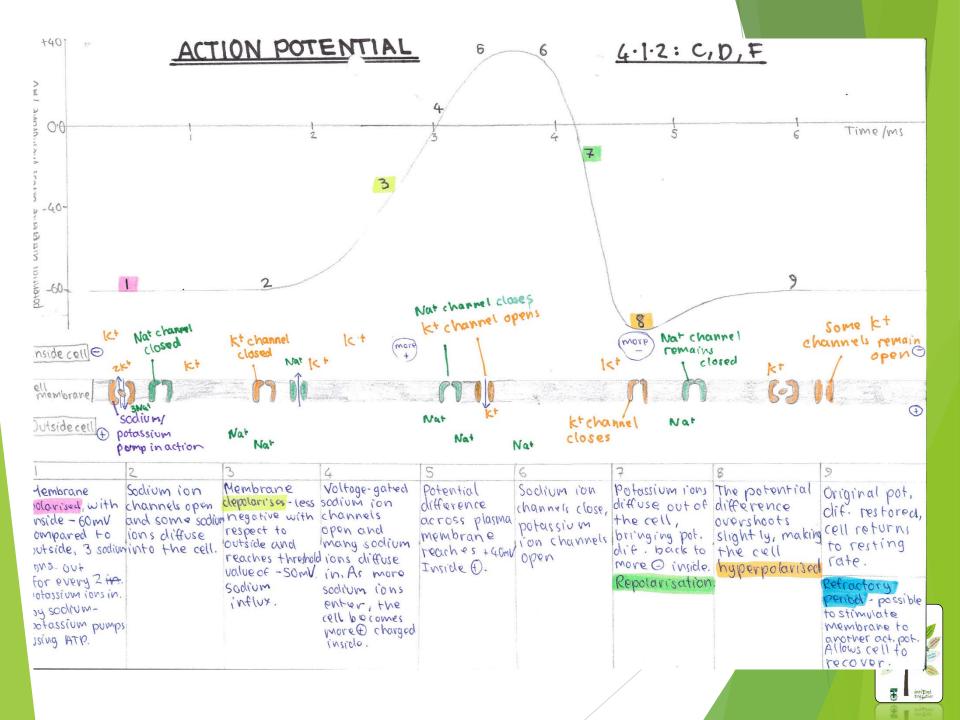


Some good examples









ULTRAFILTRATION

afforent arteriale > glomerulus > efferent arteriale (wider) (high pressure) (thinner)

- bushes fluid - Glomerulus

· Capillary endothelium:

-narrow gaps between cells: blood plasmal dissolved substances can pass through

Basement membrane:

fine mesh (collagen fibres & glycoproteins)

= filter to prevent passage of large molecules - wast proteins all blood cells remain in glomorulus capillaries.

· Podocytes: ensure there are gaps between coils - epithelial cells with major processes (tinger-like projection)

· What is filtered out?

- water - glucosp - inorganic i ons

- amino acids - urea

What is left in the capillary? - blood cells - proteins: give blood low +, ensuring that some fluid stays in the blood

SELECTIVE REABSORPTION

· 95% of filtrate absorbed in proximal convoluted tubulg which has a specialised cell lining:

- Microvilli: increase S.A.

- Co-transporter proteins: allow facilitated diffusion of glucose or amino acids in association with scalium ions

- sodium-potassium pumps (sodium out, potassium in)

- mitochandria - many, producing lots of ATP

PROCESS:

Disodium potassium pumps romove sodium from timir

lining tubulo -> reduced conc. of sodium linus in celligiples

2) Sodium ions -> cell with glucose amino acids (facilitated difficial)
3) Glucose & amino acid conc. rises & they diffuse

> tissue fluid on opposite side of cell

Dissue fluid > blood > corried away

3) Reabsorption (of salts, glucose famino acrids) > reduced

Y in cells and increased + in tubule (-luid: water

enters cell & is reabsorbed 5205mosis > blood.

3) Larger mals (e.g. small proteins) reabsorbed by endo cytosis.

LOOP OF HENLE

· DESCENDING LIMB (descends > medulla)

· deeper the fluid descends, the lower the 4 due to:

- loss of water by osmosis to tissue fluid

- diffusion of sodium and chloride ions from tissue fluid -> tobule

· ASCENDING LIMB (ascends → cortex)

. astluid ascends, 4 becomes higher as:

- at base of tubule, sodium & chloride ions diffuse out > tissue fluid, higher up, they are actively transported out.

- wall of ascending limb: impermeable to water (water cannot leave tubule)

- fluid loses salts, but not water, as ascending medula (high salt conc, so low T)

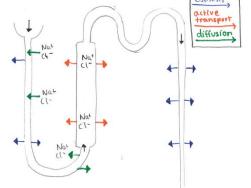
 water reabsorbed from urine in distol tubes & collecting ductr. Amount depends on needs of body.
 Icidney: organ of osmorgulating

Nairpin countercurrent multiplier system = arrangement of loop of hence to increase efficiency of sait transfer

COLLECTING DUCT

-distal convoluted tubule (active transport adjusts Salt concentrations) - collecting duct

(as tubule fluid medula + pelvis moves down collecting duct, water moves -> surrounding tissue -> blood copilluries (by 0 s moses)



OSMOREGULATION

= control of water & salt levels in body

WATER IMPUTS:

WATER GUTPUTS:

- food - drink - water vapour in exhaled air

metabolism - faeces

· ALTERING COLLECTING DUCT PERMEABILITY

- Walls respond to level of atidiuretic hormone (ADH) in blood

- Cells in wall have ADH receptors, which, when bound to ADH, result in chain of enzyme-controlled reactions in the cell - vesticle containing water permeable changels of cell surface membrant walls more permeable to water

- more water reabsorbed by osmosis

- Less ADH: Cell surface membrane folds in & creates now vesicles, removing aqua porins from membrane Dless water reabsorbed.

APJUSTING ADH BLOOD CONCENTRATION

- Blood + monitored in hypothalamus by osmorrepptors > respond to effects of osmosis:

-low 4: osmoreceptor cells lose water by osmosis → shrink

→ stimulate neuroseccetory cells in hypothalamus

Specialised neurones that produced release

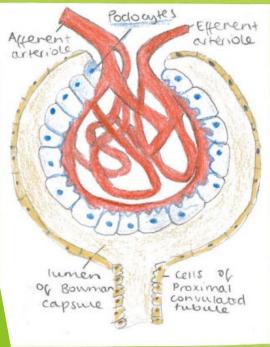
Manufactured in cell body of cells in hypothalamus > axon > terminal bulb (in posterior pituitory gland)

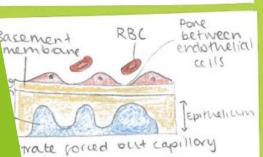
*after release stimulated by action potential initiated by neuros ecretory rells, ADH > blood capillaries through posterior pituitary gland > body > acts on cells of collecting ducts > blood & rises > less ADH released

slowly broken down: half-life = 20 mins



contact with the Bowman's capsule) has a larger math than efferent arteriore than largely increased pressure inside glomerular capillaries than efferent, forcing pluid through the blood capillaries into renal capsule = ULTRAFILTRATION.





-DEILTRATION PRESSURE

The blood planing through the afferent artision is at pressure + due to the small nidth of efferent, a of pressure porces molecules within the blood the glomercular capillaries into me Bommani capiu The materials pass through pones in the endother The endsthelial cells line the basement memb of me Bonman's capsule (made of collagen + glycoproteins + fibres. Podocytes, epithelia cell me capsule have projections called major proce ensuring mene are gaps between cells. Fluid now between these cells into the renal cans

each layer (endothelium, basement membrane + epithelium)



- ▶ This is all about *thinking*, understanding the work and learning to express it in ways that are not simply recalling a text book word for word.
- Every research paper on this topic agrees that it is the only way to both retain knowledge and understand it
- ► The exam papers ask the students to apply knowledge they have to unfamiliar situations. The best way to be able to do this is to approach their work from so many angles that they can learn to draw connections between their work and what the examiner is actually asking.

Past papers and practise Questions

- This is key to improving exam technique.
 - ► Choose a topic using the syllabus
 - ▶ Learn the work using active revision
 - Try some exam questions on that topic. Use the books first.
 - Use the mark scheme to go through the work and correct any mistakes
 - ▶ Use the mark scheme to go back over your notes and make additions, in a Green Pen, on what the examiner expects of you.
 - ▶ Re-learn the areas you did poorly on
 - Test yourself without the books.
 - Mark/annotate/revise.
 - Reflect do you need to go back over the topic? What isn't working? What can you do about it?



(iv) State the process by which molecules and ions, other than water, will move from the blood into the dialysate.	2 Urine is a liquid that is composed of a number of different substances.
Diffusion	(a) Urea is one compound that is excreted from the mammalian body in urine.
(v) Suggest why the direction of flow of the blood and the dialysate is as shown in Fig. 4.3. No. 11. 12. 13. 14. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	(i) Name the organ that produces urea.
M	[1]
[Total: 14]	(ii) It has been observed that the urea content of urine is relatively high when a person eats an excessive amount of protein in their diet.
(a) Complete the following series of the ser	Suggest why a high intake of protein in the diet will be likely to result in a high
(c) Complete the following passage, using the most suitable term in each case:	concentration of urea in urine.
ADH is a hormone that is produced by specialised nerve cells known as	or proteins live removes the potentially toxic
Oumone (up) 11 cells. These cells detect changes in the water	amine: The amino group forms toxic
potential of the blood flowing through the	iots of ammonia + converts to use unich ic
potential of the blood is too low then ADH is released.	anine
ADH is not secreted immediately into the blood but passes along the	
OLX ON	Amine for excretion. The remaining remain
Posteria pituitory gland, from where it is	removed used for processes such as ne-pirahan
released into the blood.	converted to High protein diet > expess amino acids >
ADH acts on the cells of the Collellathing duct	ammonia more deamination > More unea.
The ADH molecule attaches to receptors on the Membrane of these	anmonía [3]
cells and causes protein channels known as	Omina (b) Suggest what condition is indicated by the presence of glucose in a person's urine.
themselves into the membrane. Water passes through these channels by	cyle dialoto
and a smaller volume of more concentrated urine is produced. [8]	blood on c of (i) Pregnancy may be detected by testing a woman's firine.
(d) ADH does not stay in the blood indefinitely.	State the substance that is being tested for in urine when a pregnancy test is carried out.
Suggest where ADH is removed from the blood and describe what then happens to the ADH	1066
Broken down by liver / hero to cutes.	thigh conc wea = nea herman [1]
	HACKER AND A FOR
Planinghen - amine group	absorption from unine.
namared	
ominaine cylli	
Broken down into usea and	
excretich	
[3]	

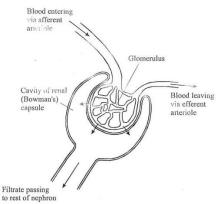
44 1	1 4	11.		
Modu	10 4.	KIN	nov	10
Modu	IC T,	NIG	1116	y 3

1.	Describe the followin	g processes which	occur during	urine formati	on in mammals.

blood under high pressure in kidneus. Some molecules the glomerulus blood into the

Absorption of sortain convoluted tobale carriors in 3. Give an account of the structure of the kidney

The diagram shows part of a nephron from a mammalian kidney.



Name the region of the kidney in which the renal capsules are found.

(b) Describe and explain the process of ultrafiltration.

glomerulus wider than efferent Molecules Envised

membrane acting as

(a) Explain how the filtrate is produced in the Bowman's capsule.

bowman's capsule. The basement

capillaries, into the

increased vatio of used ? Ursuline High School

to welter

Name one substance, filtered from the blood, that would be completely reabsorbed as the filtrate passes through the nephron.

(Total 6 marks)

(4)

(Allow two lined pages).

(Total 8 marks)

The table below shows the typical concentration of four solutes (urea, glucose, sodium ions and potassium ions) in the filtrate produced in the Bowman's capsule and in the proximal convoluted tubule of a nephron (kidney tubule).

	Concentration of	of solute / g dm ⁻³
Solute	Bowman's capsule	Proximal convoluted tubule
Urea	0.30	0.55
Glucose	0.10	0.00
Sodium ions	0.33	0.33
Potassium ions	0.17	0.02

ultrafiltrati

(3)

In the proximal convoluted tubule, large volumes of water are reabsorbed from the filtrate into the blood. Suggest why the concentration of sodium ions remains unchanged but the concentration of urea increases in the proximal convoluted tubule.

Ursuline High School

Other ideas

- ► Flashcards to keep on the student at all times. Take them out on the bus, in the corridor, on the sofa at home. Make the unfamiliar terminology part of everyday lexicon.
- Kerboodle
- Make games!
- ► Teachers use them. Show them your work and ask them to give some tips on what else to add.
 - Make a list of questions you want to go through next time you see them, or even email it to them
 - ▶ Be proactive come with a list of syllabus statements you want the teacher to cover.



Organisation is also Key

The syllabus looks like this...

3.2.1.2 Structure of prokaryotic cells and of viruses

Content	Opportunities for skills development
Prokaryotic cells are much smaller than eukaryotic cells. They also differ from eukaryotic cells in having: cytoplasm that lacks membrane-bound organelles smaller ribosomes no nucleus; instead they have a single circular DNA molecule that is free in the cytoplasm and is not associated with proteins a cell wall that contains murein, a glycoprotein.	
In addition, many prokaryotic cells have: one or more plasmids a capsule surrounding the cell one or more flagella.	
Details of these structural differences are not required.	
Viruses are acellular and non-living. The structure of virus particles to include genetic material, capsid and attachment protein.	

3.2.1.3 Methods of studying cells

Content	Opportunities for skills development
The principles and limitations of optical microscopes, transmission electron microscopes and scanning electron microscopes. Measuring the size of an object viewed with an optical microscope. The difference between magnification and resolution. Use of the formula: magnification = size of image size of real object Principles of cell fractionation and ultracentrifugation as used to separate cell components.	AT d, e and f Students could use iodine in potassium iodide solution to identify starch grains in plant cells. MS 1.8
Students should be able to appreciate that there was a considerable period of time during which the scientific community distinguished between artefacts and cell organelles.	



Organisation

- Use the syllabus to split your work into bite sized chunks.
- ▶ Decide what sections you will revise.
- Actively learn the work
- Test.
- ► Correct
- ► Re-learn based upon mistakes
- ▶ Re-test
- ► Correct
- ► Evaluate.
- ▶ Determine the next activity for the next day.
- ► The next day, test on previous work first.



Linear Learning

- 1. Knowledge Flashcards/notes and revision materials throughout the course. Knowledge Mats.
- 2. Learn Revise throughout the course and not just at the end. Flashcards should be used at all times.
- 3. Apply Do as many questions as possible and use the mark schemes to adapt your revision materials.





Teaching & Learning - how you can help

- Check that your daughter is acting on feedback
- ► Talk about her learning and discuss her work with her
- ▶ Use the Curriculum guide for information on courses. These can be found online.
- Check the homework is being completed and to a good standard
- ► Planner- always check and sign
- ► Time and space to study



Assessment for Learning

- Know target grades in all subjects
- Understand what is required to improve
- Ask questions
- Respond and act on teachers' feedback
- Assess own work and work of others





Assessment for Learning

We gather evidence of understanding on a daily basis while the students are in the process of learning. To do this we must know our students: where they are, what they understand, and how they learn. This information guides our decisions about what we will do next in order to fill in gaps, clarify misconceptions and provide the kind of feedback that will help students move forward.



Part of everyday teaching practices.



Used to inform and adapt teaching practices.

Assesment for Learning is... A quick way to gather information about student learning.



Done in conjunction with students o engage hem in their own learning.





Y10 Curriculum Guide

The Curriculum Guide is packed with information to help you support your daughters' education:

- Overviews of key school policies.
- Exam-board information for GCSE subjects.
- Contact information.

A digital copy will be sent out at the end of tonight's presentation.



Mrs Alexander - Deputy Headteacher



Smart Devices

- ▶ Academic research is clear that mobile phone and smart watch use in school are a distraction, negatively impact behaviour, progress and attainment, compromise the integrity of assessments, enable access to apps we cannot monitor in school and are banned by JCQ, the exams regulatory authority.
- ► To help keep everyone safe while commuting and at school, we recommend that expensive mobile phones and smart watches are not brought into school. However, this is at parents' discretion.
- ▶ Regardless of the make/model of your daughter's phone and/or watch, and in accordance with research, Government guidance and our <u>Digital Learning & Safety Policy</u>, if you choose to send your daughter to school with a mobile phone or smart watch, it must be switched off, placed in their padlocked locker at the start of the day and remain there until the end of the day. Any phones or watches seen or heard in school will be confiscated.
- If your child needs access to a medical app, please speak to us about this.



There is growing evidence of the negative impact of smartphones on sleep, safety, learning, mental health and wellbeing. The Online Safety Bill was introduced in 2023, Tech companies are being investigated, and as you're most likely aware there is widespread campaigning to delay the smartphone.

We recommend the following advice from adolescent and online safety experts re. smart devices:

- Setting up parental controls and Enabling Ask to Buy.
- Setting up screen downtime, app limits, and content & privacy restrictions.
- Removing phones from bedrooms, during homework/study time and overnight. Overnight is VITAL.
- Password sharing, regularly checking your child's phones and having those important conversations.
- Having a family phone agreement.
- Delaying, limiting or even better avoiding social media.



Online Safety Parent Resources

- To safeguard the safety, health and wellbeing of our children, it is essential they are media literate, and have boundaries.
- Holding regular discussions about online safety is key children must be clear on the challenges and dangers, and how echo chambers and algorithms work. We hold regular discussions at school as part of our PHSEC curriculum and ask parents and carers to do the same.

Recommended resources:

- •<u>Common Sense Media</u>, <u>Dr Lisa Damour's</u> books and podcasts (Episodes 54 and 152 of her 'Ask Lisa' podcast focus specifically on phones and social media), <u>Dr Jean Twenge</u>, <u>Jessica Chalmers (Social Jess)</u>, <u>Jonathan Haidt</u>, <u>National Online Safety</u>, <u>NSPCC</u>, <u>Titania Jordan</u>, <u>Thinkuknow.co.uk</u>, and UK Safer Internet Centre.
- ▶ •The UK campaigns @smartphonefreechildhood, @delaysmartphones and Safescreens.org
- •We also recommend watching the documentaries Childhood 2.0 and The Social Network, and listening to the Ezra Klein Show podcast, the Teen mental health crisis, episodes 1 & 2 (May 2023).
- <u>The Social Media and Youth Mental Health Advisory Report</u> from the US Surgeon General Dr Vivek Murthy and Jonathan Haidt's book <u>'The Anxious Generation</u>' are recommended reading.
- PhoneSmart, is a free digital course giving your child the knowledge needed to be safe and kind online, and the skills to be phone ready.
- Thank you for your support with managing the online safety and wellbeing of our children.



Use of social media (&the Internet) for educational support)

- There is a vast number of tutors and exam gurus sharing their expertise and insight via social media (in particular; Instagram, TikTok and YouTube).
- There are lots of great teachers and subject experts out there but there are just as many poor ones. There are also many students claiming to know how to get a grade 9!
- In the same way parents do their due diligence before employing a tutor, students should do their research before deciding to follow and listen to an 'expert' via social media. It is essential students make informed decisions on who they are taking advice from, to ensure they are getting relevant and accurate advice/insight relevant to their courses.
- Please support your daughters to make informed and relevant decisions regarding the resources they are using.
- Please seek guidance from UHS teachers in the first instance who will guide you in the direction of tried and tested resources.



Vaping, Drugs and Alcohol

- Pressure, temptation and tendency to engage in risky behaviours, such as trying alcohol and/or recreational drugs.
 - ▶ Particularly prevalent around age 15+
- ▶ PSHEC in school.
- Parental workshops.
- ▶ Having the conversation.
- Collaborative and Community Approach

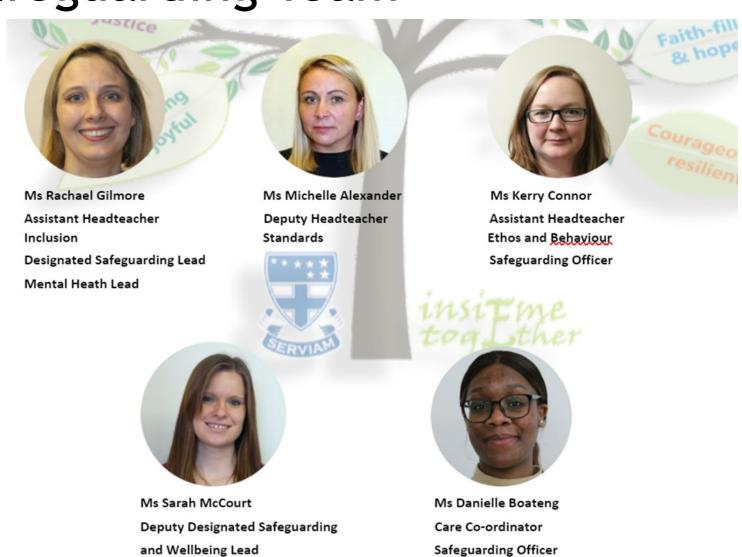


Enrichment

- It is our expectation for all students to be involved in extracurricular activities.
- ► Tutors will monitor their extra-curricular to help students who may find it challenging to engage.
- ► A link to the enrichment programme can be found here.
- ► Enrichment Ursuline High School
- Please go through with your daughter to identify enrichment she would like to engage in - there are lots to choose from.



Safeguarding Team



Contact Details

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Thank you for your time this evening!



