



Exam Success Evening

Parent/Student Evening
9 February 2023





Aims:

- Provide you with information which will help you support your child to be successful in their forthcoming GCSE's.
- Provide revision and exam technique advice.
- Provide information on how to support your child in their core subjects (English, Maths and Science).
- Outline how we will support your child.

Year 11 Progress Team



Mr Jack Brownnett
Progress Leader



Mrs Tointon
SENCo



Mrs Rumming & Mr Rumming
Heads of Year



Ms Kathryn Lee
Assistant Headteacher



Miss Taz Johal
Assistant Headteacher



Ms Carol Hubbard
Deputy Headteacher

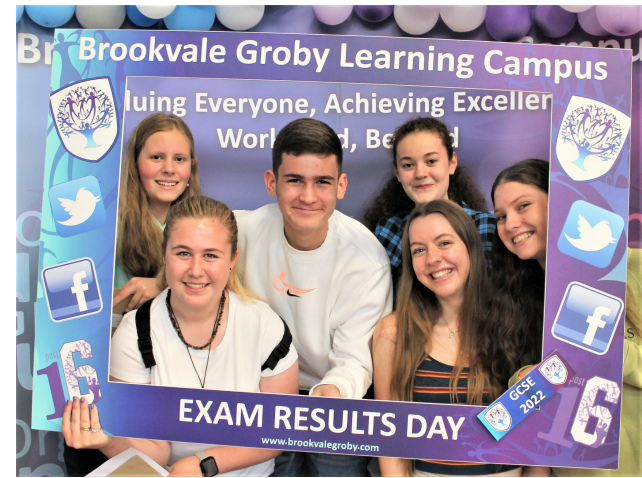




You make a difference
You are the difference
And in 2023, we will make a
difference again!











WE CAN NOT DO THIS ALONE.
WE NEED YOUR HELP.

Tourist Map of Northern Everest Mount





Preparing to Perform



Exam Success Evening

Brookvale Groby Learning Campus



Reaching for success



Success does not come easy. You have to be prepared to put certain things in place and overcome different challenges.

Punctuality

Sustained Motivation

Organisation and Revision

High Work Ethic

Finding a school/social balance

Resilience





Forming habits


Building positive habits in 4 steps:

Noticing- Giving clarity and having a plan

Wanting- Creating the right environment

Doing- Honing the skill and optimising the start line

Liking- Bringing in immediate rewards



ahead is getting started...

- Revision Timetable

- Adding Variety

- Starting early

Day/Time:	4:30pm – 5:15pm	6pm – 6:45pm	7pm – 7:45pm	8pm – 8:45pm
Monday	Subject: Topic:	Subject: Topic:	Subject: Topic:	Subject: Topic:
Tuesday	Subject: Topic:	Subject: Topic:	Subject: Topic:	Subject: Topic:
Wednesday	Subject: Topic:	Subject: Topic:	Subject: Topic:	Subject: Topic:
Thursday	Subject: Topic:	Subject: Topic:	Subject: Topic:	Subject: Topic:
Friday	Subject: Topic:	Subject: Topic:	Subject: Topic:	Subject: Topic:
Day/Time:	Morning	Afternoon	Evening	Other weekend plans:
Saturday	Subject: Topic:	Subject: Topic:	Subject: Topic:	
Sunday	Subject: Topic:	Subject: Topic:	Subject: Topic:	

Creating the right environment

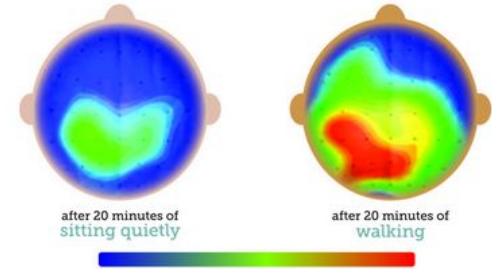
- Where should revision take place?
- Should I use my phone?
- Should I listen to music?




The power of recovery


- The importance of sleep
- Creating an evening routine
- The benefits of exercise

BRAIN SCANS OF STUDENTS TAKING A TEST:




Nearly 1 in 5 teens (18%)
say that when they do not
get enough sleep, they are
more stressed.




36%
More than one-third of
teens report fatigue or
feeling tired *due to stress.*



The importance of nutrition

Nutrition, quite literally, powers us to perform.

Why is nutrition so important and what impact can it have?

The importance of breakfast.

Nutrition throughout the day

Hydration – Hydration - Hydration





Revision Strategies

What strategies can be used by your children when revising at home...

Structuring your revision

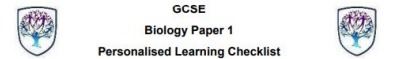
Diagnose – Therapy – Test

Using your Personalised Learning Checklist.

Setting a SMART target for each period of revision- make this part of your routine.

Make effective use your revision resources.

Testing the depth of your understanding.



Name:

Exam Board	AQA	My target grade is
Topic/Module	Biology paper 1	My predicted grade is
Year Group	11	Group

Use this checklist before your assessment to focus your work and after to check the effectiveness of your work.

G	I am confident about this topic and I know what I need to do.
A	I am not too sure about this topic. I may need to check with my teacher and spend more time working on this topic.
R	I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to do it.

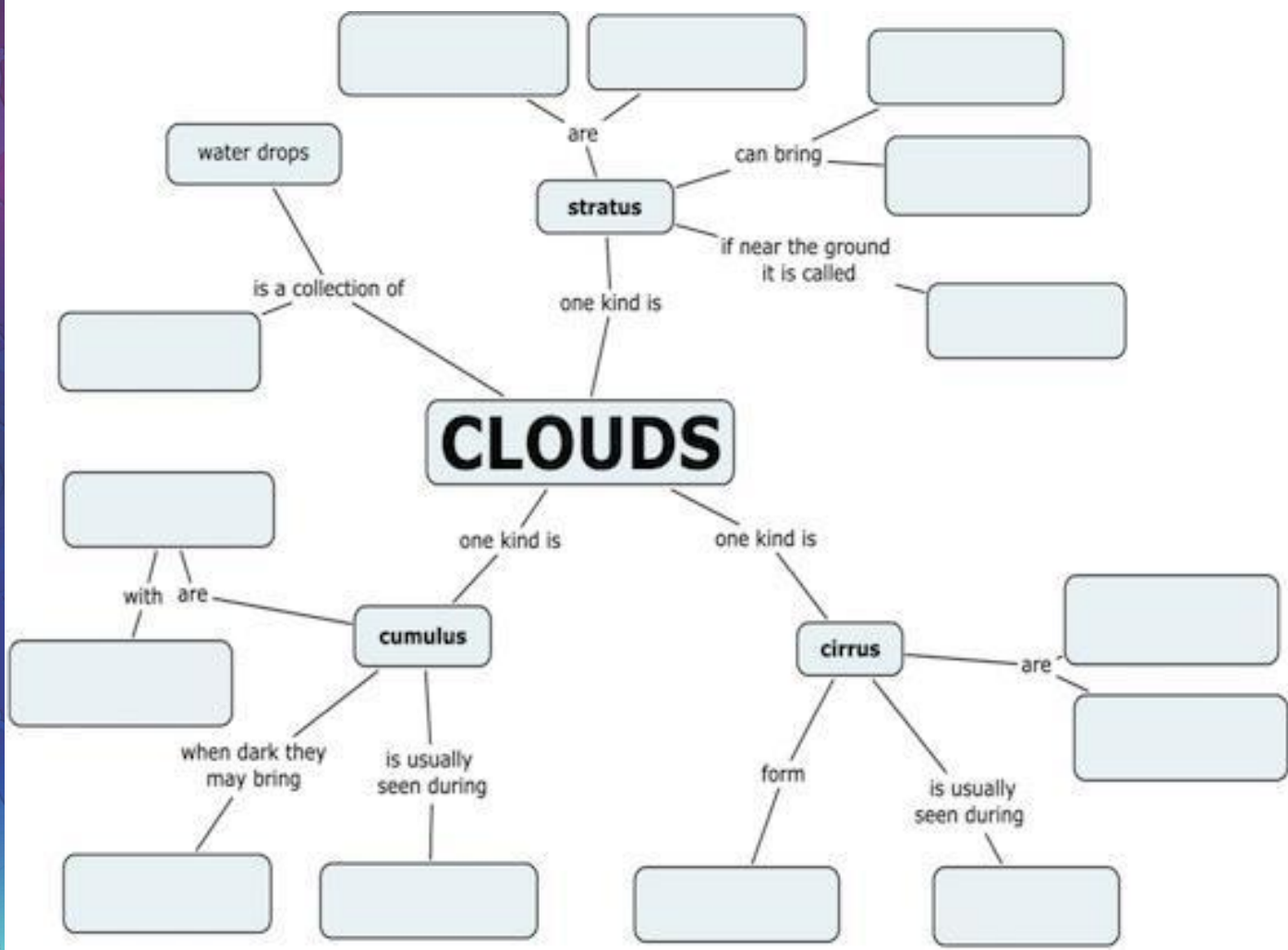
AQA Biology (8461) from 2016 Topic B4.1 Cell biology				
Topic	Student Checklist	R	A	G
	Use the terms 'eukaryotic' and 'prokaryotic' to describe types of cells			
	Describe the features of bacterial (prokaryotic) cells			
	Demonstrate an understanding of the scale and size of cells and be able to make order of magnitude calculations, inc standard form			
	Recall the structures found in animal and plant (eukaryotic) cells inc algal cells			
	Use estimations and explain when they should be used to judge the relative size or area of subcellular structures			
	Required practical 1: Use a light microscope to observe, draw and label a selection of plant and animal cells			
	Describe the functions of the structures in animal and plant (eukaryotic) cells			
	Describe what a specialised cell is, including examples for plants and animals			
	Describe what differentiation is, including differences between animals and plants			



Retrieval

Practice

What do you already know?





Character Summaries

Macbeth - A warlike Scottish Thane (Lord) who betrays and murders his king for power. He is the tragic hero who suffers downfall.

Lady Macbeth - Macbeth's ambitious and manipulative wife.

Duncan - A good and benevolent Scottish king murdered by Macbeth.

Banquo - Macbeth's noble friend, who also receives a prediction from the witches. Banquo has a son called Fleance.

Macduff - A Scottish Lord who seeks revenge on Macbeth.

Witches - Three 'weird sisters' who offer Macbeth various prophecies.

Malcolm - Duncan's son and heir, who flees to England after the murder.



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1	L'nn** d*rn**r*	<i>Last Year</i>
2	J* s**s *ll*	<i>I went</i>
3	*v*c m* f*m*ll*	<i>With my family</i>
4	*n * v*y*g* *n...	<i>We travelled by...</i>
5	c'*t**t...	<i>It was</i>
6	J* s**s r*st* d*ns...	<i>I stayed in...</i>
7	L* p*sc*n* *t**t gr*nd* *t *m*s*nt*	<i>The pool was big and fun</i>
8	J'** v*s*t* d*s m*n*m*nts	<i>I visited some monuments</i>
9	*l f**s**t ch**d	<i>It was hot</i>
10	J* v**dr**s r*t**rn*r	<i>I would like to return</i>





1	L'a d	<i>Last Year</i>
2	J s a	<i>I went</i>
3	A m f	<i>With my family</i>
4	O a v e...	<i>We travelled by...</i>
5	c't...	<i>It was</i>
6	J s r d...	<i>I stayed in...</i>
7	L p é g e a	<i>The pool was big and fun</i>
8	J' v d m	<i>I visited some monuments</i>
9	I f c	<i>It was hot</i>
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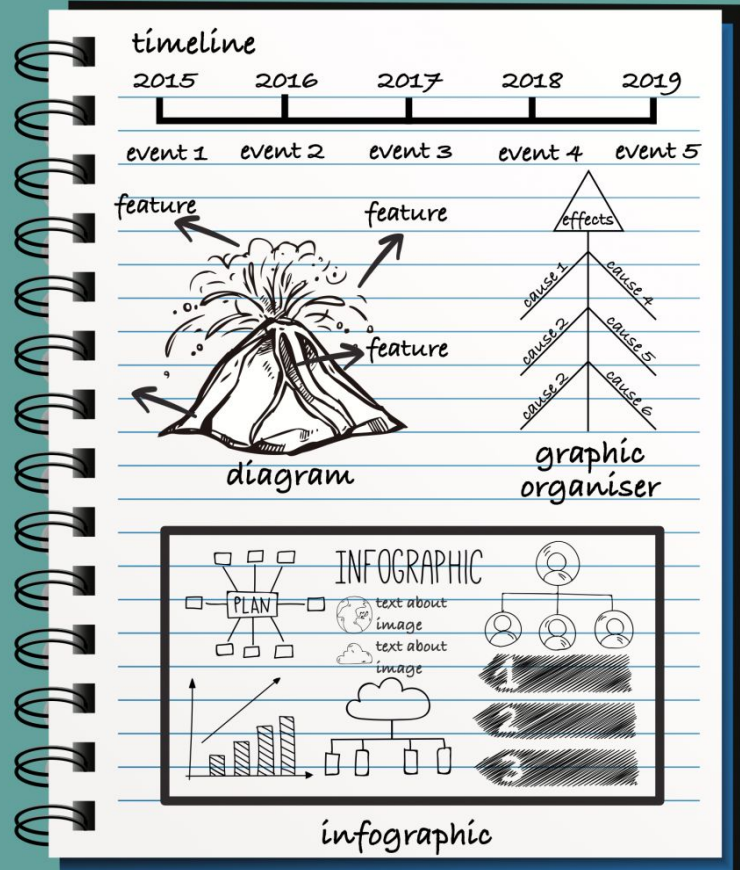


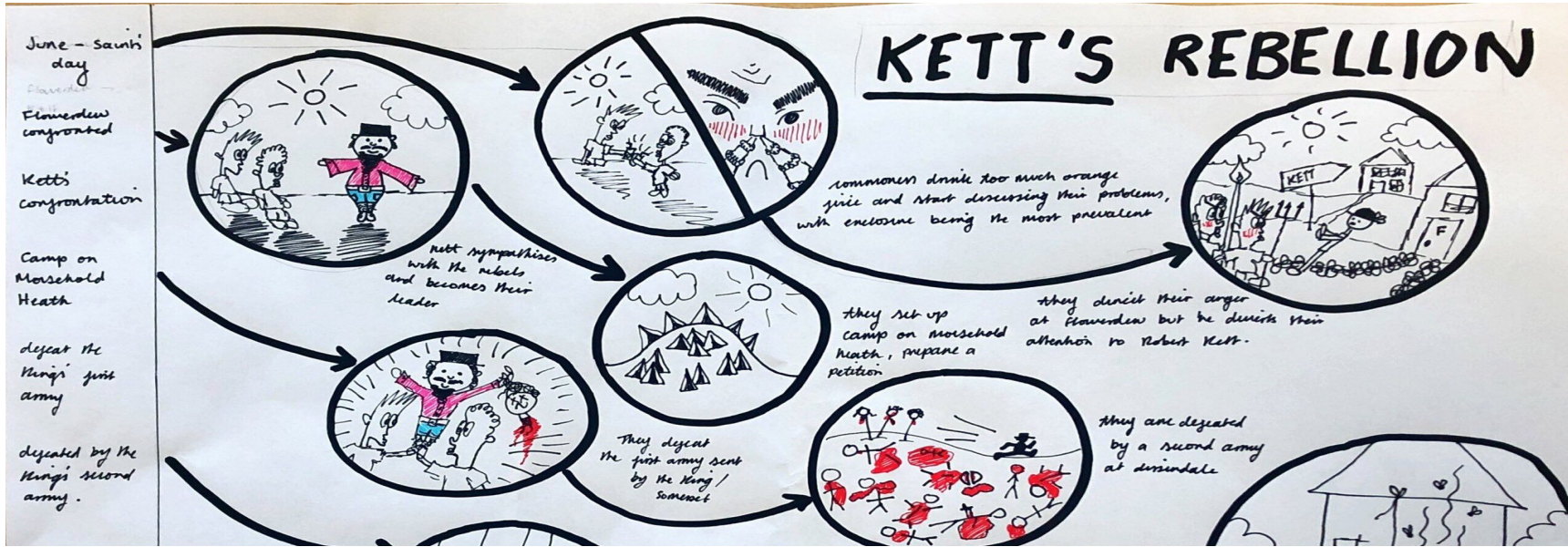
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Dual Coding

Combining visual and text





Nuclear



What is it?

It's a substance that is used to produce heat to power turbines. Heat is produced when nuclear fuels undergo the nuclear fission.

WARNING: RADIOACTIVE!



The main nuclear fuels are uranium and plutonium. These are radioactive metals. Unlike fossil fuels, nuclear fuels are not burnt to make energy. Instead, nuclear fission reactions in the fuels release energy.

THE PROCESS OF Nuclear Fission:



Advantages...

- Unlike fossil fuels, nuclear fuels do not produce carbon dioxide or sulfur dioxide.
- This helps the global warming slow down.
- The U.S. saves \$12 billion dollars a year for energy costs, thanks to nuclear power!

Disadvantages...

- Fossil fuels and nuclear fuels are non-renewable energy sources. If there is an accident, large amounts of radioactive material could be released into the world.
- It must be stored safely!

DID YOU KNOW...

- Enrico Fermi, an American / Italian physicist was the discoverer of nuclear energy.
- 20% of U.S.'s electricity comes from nuclear energy!
- France is the most reliant country on nuclear energy.

Reasons Why...

Since the beginning of the industrial revolution, the demands for energy has increased dramatically! Today, most of these demands are met with the combustions of fossil fuels. This is starting to change people's minds that because of the rising costs and the harmful effects on the environment caused by fossil fuels, we should look for ways to replace our dependence upon them. Nuclear energy is one of the best options because it has all of the technology required to be used on a large scale!



Is innocent!

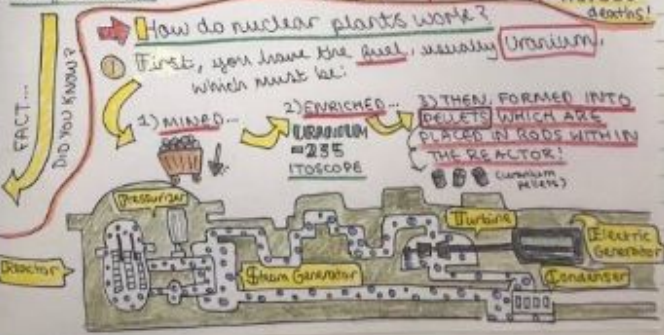
Is it really that dangerous?

Despite the seemingly huge impact reported by the media, there have been no deaths as a direct result of the meltdowns at either Fukushima or Three Mile Island! Even in the case of Chernobyl, the total number of deaths is quite low. In comparison, deaths due to the use of coal are over 10,000 a year in the U.S. alone, followed by 22,300 deaths per year in Europe and up to 100,000 deaths per year in India.

Country	Deaths
U.S.	10,000+ deaths
Europe	22,300+ deaths
India	90,000 - 115,000 deaths!

How do nuclear plants work?

- 1) First, you have the fuel, usually Uranium.
- 2) THEN, FORMED INTO PELLETS WHICH ARE PLACED IN RODS WITHIN THE REACTOR!

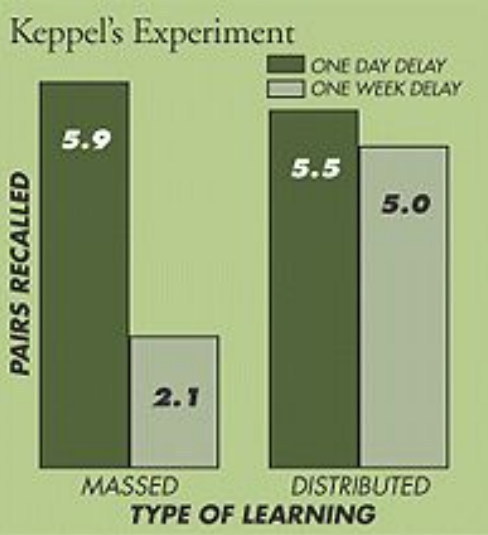


FACT: DID YOU KNOW?

- 1) MINED -- URANIUM = 235 ISOTOPE
- 2) ENRICHED --

Space your learning and mix up your revision

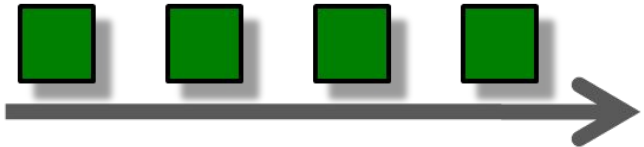
Have some time to forget!



Concentrated Practice

VS.

Distributed Practice

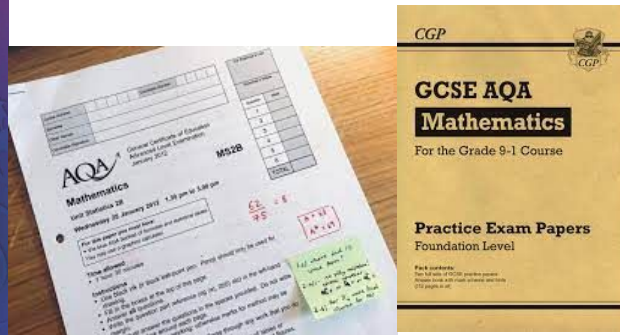


Use interleaved practice

T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
1	2	3	4	4	2	1	3	1	3	2	4	4	2	3	1

Deliberate Practice

Mark scheme



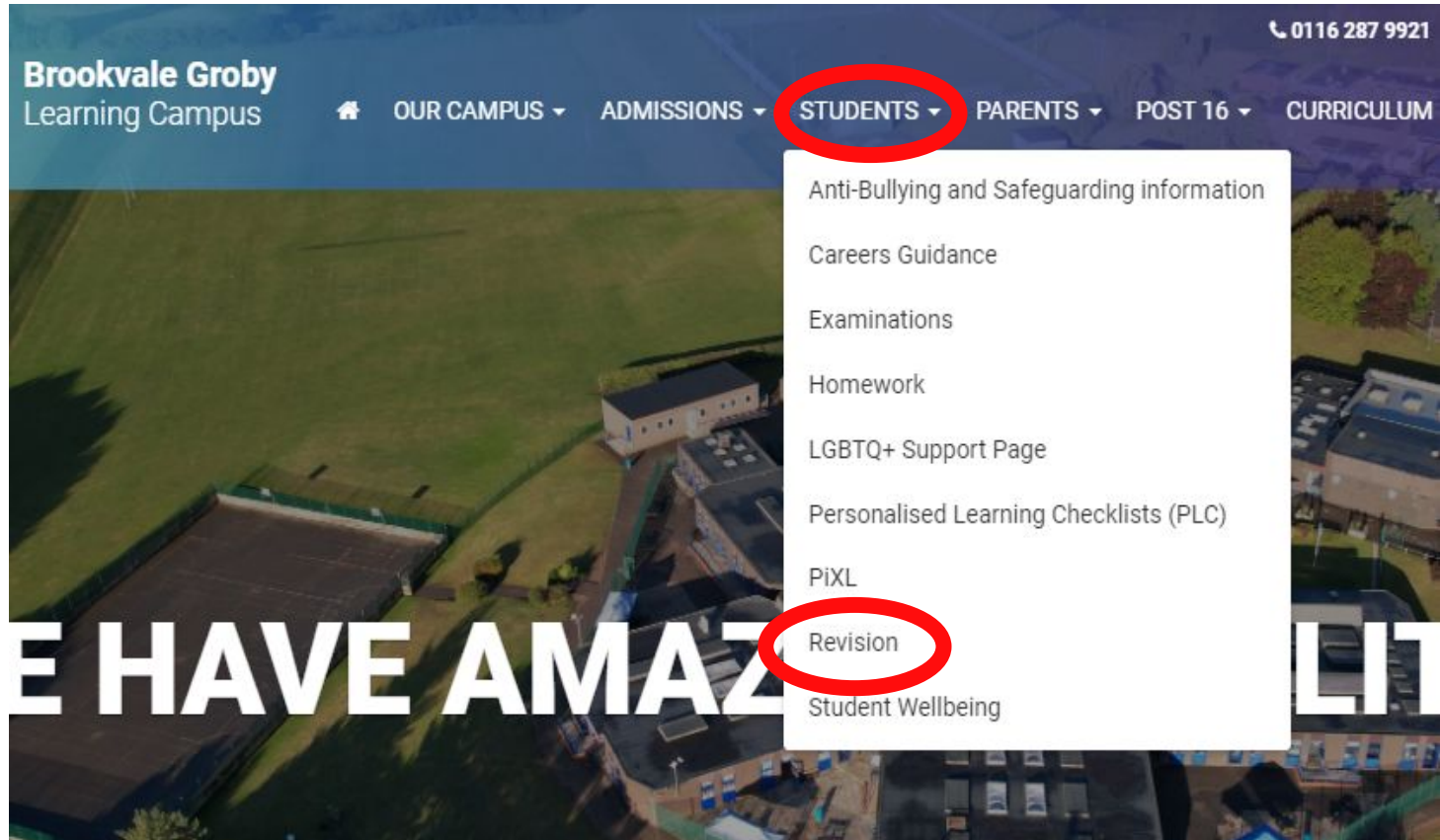
<p>[Level 3] Answer gives a correct explanation of how Deflex may reduce transmission across synapses in terms of its effect on (neuro)transmitters or receptors. Quality of written communication does not impede communication of the science at this level. (5 – 6 marks)</p> <p>[Level 2] Answer indicates reduction of transmission across synapses OR reduced activity of (neuro)transmitters. Mechanism unclear. Quality of written communication partly impedes communication of the science at this level. (3 – 4 marks)</p> <p>[Level 1] Suggests that Deflex is a depressant or reduces transmission of impulses. Quality of written communication impedes communication of the science at this level. (1 – 2 marks)</p> <p>[Level 0]</p>	<p>6 This question is targeted at grades up to A*</p> <p>Indicative scientific points at level 3 may include:</p> <ul style="list-style-type: none"> Deflex binds with receptors in synapses transmitter can no longer bind to receptors binds with the neurotransmitter once released breaks down the released neurotransmitter <p>Indicative scientific points at level 2 may include:</p> <ul style="list-style-type: none"> Deflex works on synapses Deflex reduces amount of transmitter substance <p>Indicative scientific points at level 1 may include:</p> <ul style="list-style-type: none"> Deflex is a depressant no impulse sent along second neurone <p>ignore Deflex is a sedative / sleeping tablet ignore Deflex affects / slows the nervous system</p>
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Perfect
PRACTICE
MAKES
PERFECT

Target Grade	C	EXAM 1	D
Class Teacher	Mr Siddons	EXAM 2	C
TEACHING CLASS	Year 12	CURRENT	MARK
Q1	Q2	Q3	Q4
1	Calculating variability of bivariate data (Sas, Sxy)	3	3
2	Calculating PMCC	2	2
3	Using the PMCC	2	2
4	Regression line	4	4
5	Interpreting regression line	2	2
6	Using regression line	2	2
7	Interpreting data from histograms	2	2
8	Linear interpolation to find median and QQR	3	3
9	Drawing histograms	2	2
10	Using histograms to compare data	2	2
11	Calculating probabilities from two-way tables	4	4
12	Drawing tree diagrams (three-way)	4	4
13	Using tree diagrams to interpret probabilities	2	2
14	Following mean and standard deviation data	2	2
15	Linear interpolation to calculate	2	2
16	Linear interpolation to estimate lower quartile	2	2
17	Estimating the QQR of the distribution	2	2
18	Communicating measures of location	2	2
19	Coding	3	3
20	Measures of dispersion: variance and standard deviation	4	4
21	The expected value for a binomial distribution	2	2
22	The variance of a binomial distribution	2	2
23	Combinatorial distribution functions	2	2
24	Probability distribution	2	2
25	Finding probabilities of random variables	2	2
26	Finding the value of the mean: μ	2	2
27	Using the percentage points to calculate probability	2	2
28	Finding the standard deviation: σ	4	4
29	...	2	2
30	...	2	2
		75	50

Campus Website



Campus Website

BROOKVALE GROBY LEARNING CAMPUS
REVISION

Please click on the



BROOKVALE GROBY LEARNING CAMPUS
Valuing Everyone, Achieving Excellence
Will Lewis, Headteacher
Telephone: 0116 287 9921 Website: www.brookvalegroby.com

YEAR 11
EXAM PERIOD
TIMETABLE

The...

Revision Key:

ARM UP SESSIONS ARE HIGHLIGHTED IN YELLOW.

ALL EXAMS ARE HIGHLIGHTED IN BLUE

A guide...

- Revision preparation (a place to study and prepare for exams)
- Effective revision habits (and the science behind them)
- Successful Revision Steps (summary of key revision points)
- Active revision techniques (a range of different revision techniques)
- Exam vocabulary (careful selection used for when answering exam questions)
- Exam advice (what to do in exams and how to stay healthy)

Coming soon

UPDATED MARCH 2022

www.brookvalegroby.com

EXAMINATIONS GUIDE

Timetables
Equipment
Food and Drink
Regulations
Start Time
Finish Time
Attendance
Invigilators
Absence
Results Day
Collection of Results
Certificates
RAGs
Information for Candidates
External Exam Reminder

For teachers and students

Valuing Excellence



Supporting your child

- Tutor time and assemblies focused on revision
- 'How to revise' guides bought for each student
- Core mocks: week commencing 13th March
- Revision support material available online
- Subject teaching will finish early so that lessons can become revision and exam focussed
- Use of PLCs and QLAs - help to identify knowledge gaps
- Extended support sessions
- Silent study area: Mon - Thurs until 4pm
- Exam / warm up booklets
- *'Exam special' newsletter*

You know your child, you'll help them get over that finishing line!





10%

**If you want to master
a habit, the key is to
start with repetition,
not perfection.**

— James Clear





Sessions this evening

6.05 - 6.20pm

6.25 - 6.40pm

6.45 - 7pm

All the presentations from this evening will be on the school website shortly (with a link on the weekly parent bulletin).

Please complete the evaluation from this evening.



Child's surname:

A - G English (Library)

H - P Science (Dining Hall)

Q - Z Maths (remain in this hall).



Thank You!

