

# L5 Curriculum Evening Howard Barnes Director of Studies



# The Ladies' College aims

The Ladies' College aims to:

- **Encourage** each girl to grow in confidence, develop her talents to the full and value the qualities of others
- **Create** an environment where each girl can be happy, love learning and make lifelong friends
- Inspire each girl to be the best she can be.



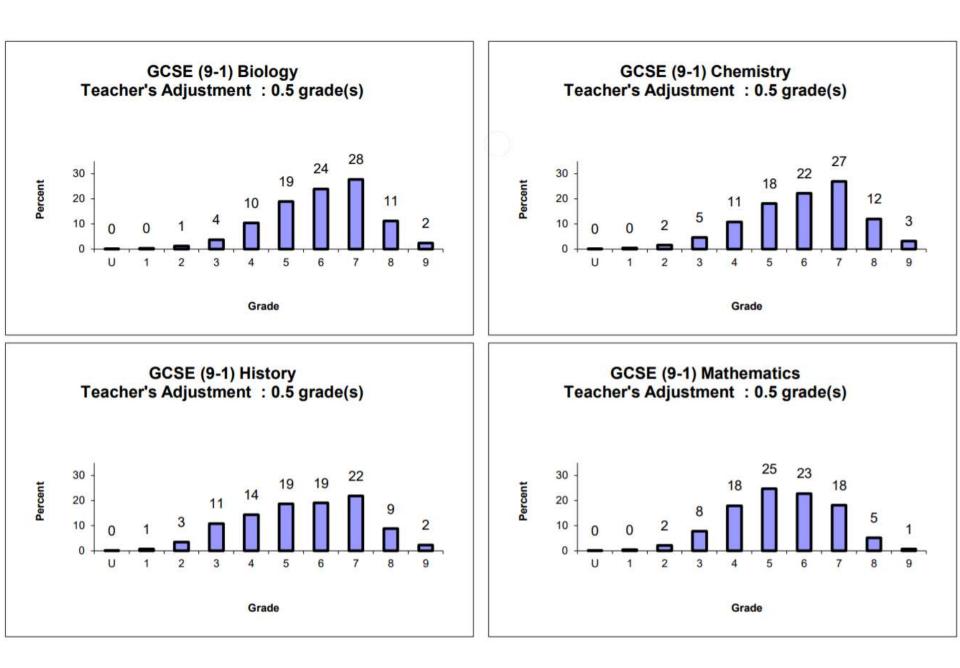
# Year Eleven Information System

YELLIS assesses three key areas of learning:

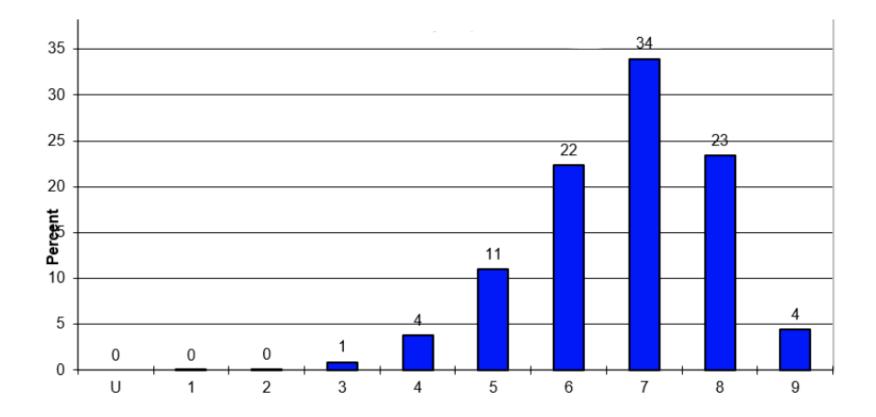
- Vocabulary word fluency and understanding
- Mathematics logical thinking, manipulating numbers and numerical concepts
- Non-verbal ability ability to match patterns, reflections and rotations and apply visual intuition

A statistical chances graph is then produced for each subject, using past data on how previous students with a similar profile have performed in examinations.

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# **The Chances Graph**



Grade

# Why it is different for different subjects?

Each subject requires a different balance of skills e.g.

- A Mathematics profile will be produced with a greater weighting towards the mathematical skills
- An English chances graph will concentrate on the English skills.
- Most subjects are a balance between the different skills measured.
- Past data is used to create the exact formula for each subject.

# What is the teacher adjusted value?

The chances graphs are produced for the 'average' student at an 'average' school.

We add in a teacher's adjustment value of +0.5 that means we expect students to achieve a half grade better than this (we consistently achieve higher than this on average).



# How accurate is it?

• It is based on past data across tens of thousands of students....

....however it only shows the proportion of students that obtained each grade with a similar balance of skills in the past....

....and so the chances of a student achieving a particular grade in the future.



# **Care is need in the interpretation:**

- It is based on the one test at the start of Lower Five
- The correlation is not so good for subjects that have a large proportion of coursework / practical skills
- The chances graphs are produced from the data of all students with different motivations and levels of support.

You and your teachers will need to judge whether this is a fair reflection of how you are likely to do.



# How do I use it?

- The graphs show the individual chances of a student achieving each grade
- Your target grade should be aspirational, but it should also be reflective of your current performance and be realistic.
- You should complete the table with your thoughts on the computer-generated suggested grade.



• You should complete the table with your thoughts on the computer-generated suggested grade

Subject	YELLIS suggests	How do I feel? 1 © 2 OK 3 8	l suggest	How do I think I am doing in this subject? What do I need to do to get a least my target grade?	*Target grade
English Language					
English Literature					
Mathematics					
Biology					
Chemistry					
Physics					
Science (Dual)					
Art					
Design Technology					
Drama					
French					
Geography					
German					
History					
Mathematics					
Music					
Religious Studies					
Spanish					
Latin					

# Why are the chances graphs important? Why not just give a grade?

- The chances graphs show the distribution of grades; they show that the prediction is not an exact science
- You and your teachers need to review how this applies to you as an individual
- They show that many grades are possible and that what you do determines the outcome
- Your task is to think what do the students do that achieve the higher grades and what you need to do to develop these skills.

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# What do you need to do now?

- Look at your chances graphs and the "YELLIS suggests" grades how do you feel about these grades?
- What do you suggest your Target grade should be?
- How do you think you are doing in this subject? What do you need to do to get at least the target grade? You should review these regularly.
- Discuss any queries you have with your Tutor when you meet on the 14th November
- Discuss and agree a Target grade with your subject teacher.

# FAQ: Why are we doing this?



https://www.ladiescollege.com/o ur-school/seniorschool/independent-learning

- Encourage each girl to grow in confidence, develop her talents to the full and value the qualities of others
- Inspire each girl to be the best she can be.



# FAQ: What happens after this term?

- Work on your targets...this should help you achieve your target grades
- You will be able to measure your progress
  - Feedback from teachers in class
  - Mid Term Assessment in February next year
  - End of year exams L5
  - Review of target grade in Michaelmas U5
  - U5 Mock exams February
- Discuss your progress



# FAQ: I am a little disappointed with the 'YELLIS suggests' grade?

- Remember that it is just like any other test grade...you can have a bad day or a good day!
- The chances graphs show that all grades are possible and what you do makes a difference.
- Agree a target grade with your teacher that feels right and work to achieve these or better.



FAQ: I can't decide between a 6 and 6/7 for my target grade?

- What feels right for you?
- Remember...aspirational and realistic
- What does you teacher suggest?
- You should spend more time considering your target than the grade!

How do I think I am doing in this subject? What do I need to do to get a least my target grade?



I suggest

larget

grade

# Where can you go for help?

- Subject teachers
- Other teachers
- Help clubs
- The Listening Room
- Friends

- Form Tutor
- Year Coordinator
- Sixth Form buddy
- Parents







# **Embedding learning**

# Chris Roughsedge

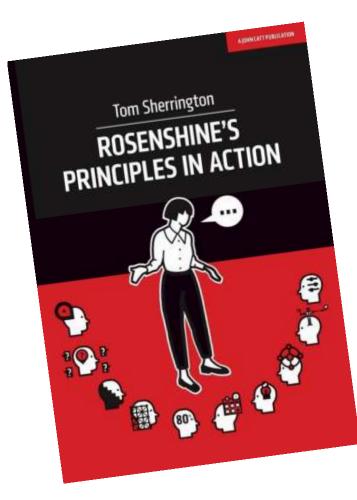
Deputy Principal (Teaching and Learning)

#### **Memorise this sequence of letters**

# RAIOLTALGBST

The aim of <u>learning</u> is to generate a persistent change in knowledge (Kirschner *et al.*, 2006). <u>Thinking</u> is the process that leads to such a change, a process governed by our working memory.

# **Evidence informed Teaching and Learning**



Focuses on aspects of teaching that are relevant to all, regardless of subject:

- Sequencing concepts and modelling
- Questioning
- Reviewing material
- Stages of practice

- Listen to music when working?
- Have your phone out when you are working?

#### **THE MAIN FINDINGS**

Students who revised in quiet environments performed over 60% better in an exam than their peers who revised listening to music that had lyrics.

- 2 Students who revised whilst listening to music without lyrics did better than those who had revised to music with lyrics.
  - It made no difference if students revised listening to songs they liked or didn't like. Both led to a reduction in their subsequent test performance.

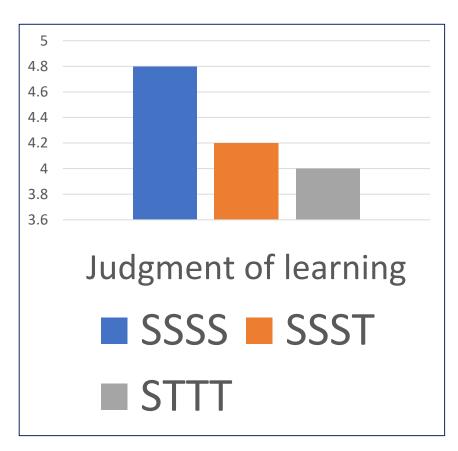




#### Lowers concentration

Having your phone out while doing homework or revision has been shown to reduce performance by 20%

- Use kahoot or quizlet to self-test at home?
- Re-read information lots of times?
- Cram revise the night before a test?
- Read through your notes and highlight key words and detail?
- Have a blank sheet of paper and write down as much as you remember about a topic?



• SSSS: Study, study, study, study

- SSST: Study, study, study, test
- STTT: Study, test, test, test

Roediger and Karpicke (2006)



5 minutes later

1 week later

# **Effectiveness of specific learning techniques**

High utility	1	Retrieval practice (practice testing)	
	2	Distributed ('spaced') practice	
	3	Elaborative interrogation	
	4	Self-explanation	
	5	Interleaved practice	
Moderate utility	6	Summarisation	
	7	Highlighting	
	8	Keyword mnemonic	
	9	Attempting to form mental images of	
		text materials while reading or listening.	
Low utility	10	Re-reading	

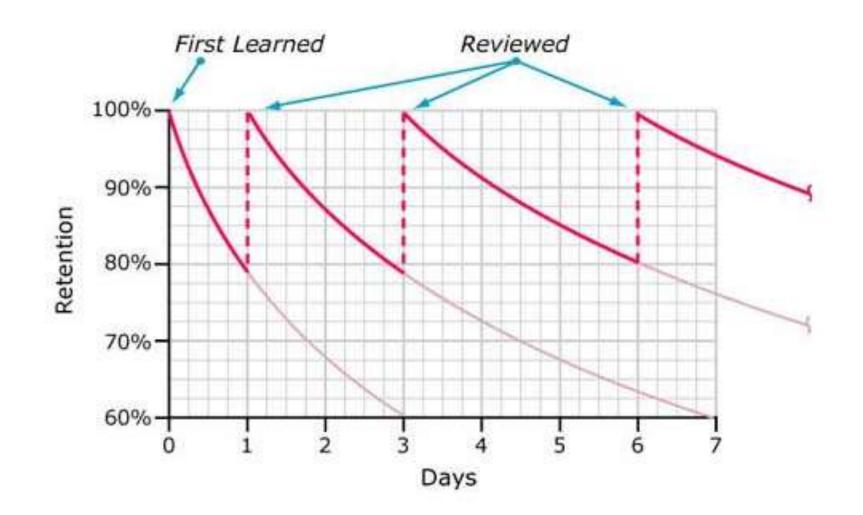
EEF: Metacognition and self-regulated learning guidance report, 2018

## **Challenges of embedding learning**

- The tasks that might make us feel that we are making the most progress often have the least impact on long term learning.
- The tasks that make us feel we are making the least progress can often have the biggest impact.

#### **Performance vs Learning!**

#### **Ebbinghaus Forgetting Curve (1885)**

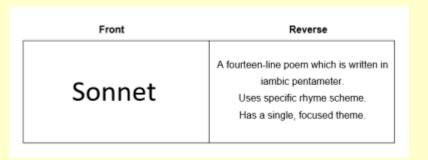


#### **Retrieval practice**

- The act of trying to recall information without having it in front of you.
- Need to encounter a new concept on at least 3 separate occasions to learn it properly.
- Helps create coherent and integrated mental representations of complex concepts, the kind of deep learning necessary to solve new problems and draw new inferences.

#### **Independent learning - retrieval practice**

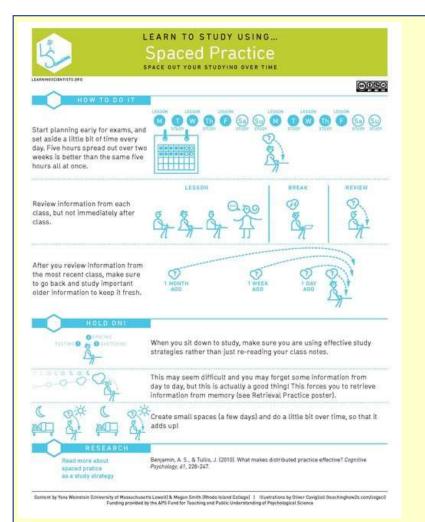
- Self-quizzing
- Peer-quizzing
- Flashcards (but....!)
- Answer practice questions
- Create your own practice questions
- Brain dumps
- 5 a day/2 things...





Quizlet

#### **Distributed (spaced) practice**



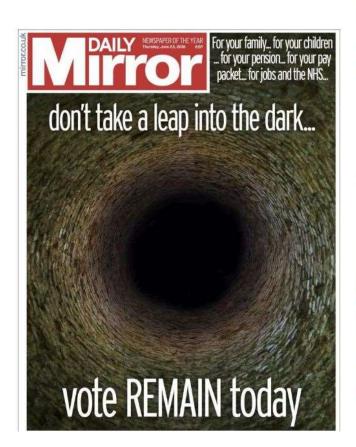
Creating a study schedule that spreads study activities out over time.

### **Elaborative interrogation**

- Asking and explaining why and how something is true.
- Understanding is enhanced when students elaborate a memory by adding details to it and integrating it with existing knowledge.

### HOT&QS

1. Transfer	apply knowledge and skills to new concepts
2. Critical thinking	reasoning, questioning and investigating, observing and describing, comparing and connecting, finding complexity and exploring viewpoints
3. Problem solving	find a solution for a problem that cannot be solved simply by memorising





### June 23<sup>rd</sup> 2016



#### **Questions to ask...**

- 1. Why is this true?
- 2. What is the main point being made here?
- 3. Why would this fact be true for X and not for Y?
- 4. What are the similarities/differences between X and Y?
- 5. What would have happened if X did not occur?
- 6. Why does X cause Y to occur?
- 7. How does this link to what I learnt last week?
- 8. Do I agree with X's opinion (and why)?
- 9. How would I argue against what Y said?
- 10. What solutions or strategies would fix this situation?
- 11. What might have been going through their mind when they said that?

### Thinking

- Thinking is not driven by answers, but by questions.
- Answers on the other hand, often signal a full stop in thought.
- Students who have questions are truly thinking and learning.

### **Memorise this sequence of letters**

## RAIOLTALGBST

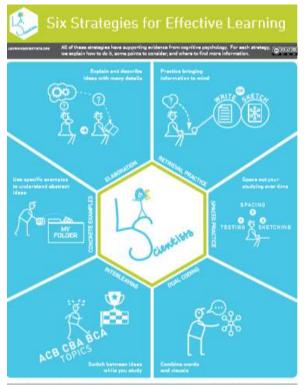
### **Multi-tasking is a myth!**

Multi-tasking causes a **40%** decline in productivity.

People make twice as many errors when they multi-task.

Multi-tasking leads to a **20%** decrease in cognitive abilities. People often think they are better than they are. **70%** of people believe they are above average at multi-tasking!

### **Embedding Learning**



Connect by Yana Minimum Obienessiy of Harvan Roments (peed) A Hogan South Ethants Island Collinger 1 - Harvanism in Oliver Caviglish Island Islands and Public Understanding of Populadogical Science

### The Learning Scientists



http://www.learningscientists.org/



## **Learning Support**

### Miss A C-B Head of Learning Support



### **Learning Support**

- Available throughout the College, including Sixth Form
- Miss Alison Coubrough-Barnett (Head of Learning Support) <u>acoubrough-barnett@ladiescollege.ac.gg</u>
- Mr Dave Herschel <u>dherschel@ladiescollege.ac.gg</u>
- Group sessions for Double Science Award students
- Learning Support option in Lower 5
- Individual weekly one-to-one sessions



# We are currently supporting girls in the following areas:

Dyslexia	ADHD
Dyspraxia	Study skills
English	Personal organisation
Spelling	Exam technique
Maths	Revision technique
Sciences	Essay writing
Humanities	Independent learning
Languages	Memory and processing difficulties

.....and any other area that they would like to address



### **Exam Access Arrangements**

Governed by strict guidelines from JCQ (Joint Council for Qualifications)

Has to be the student's 'normal way of working'

School collates evidence to prove this

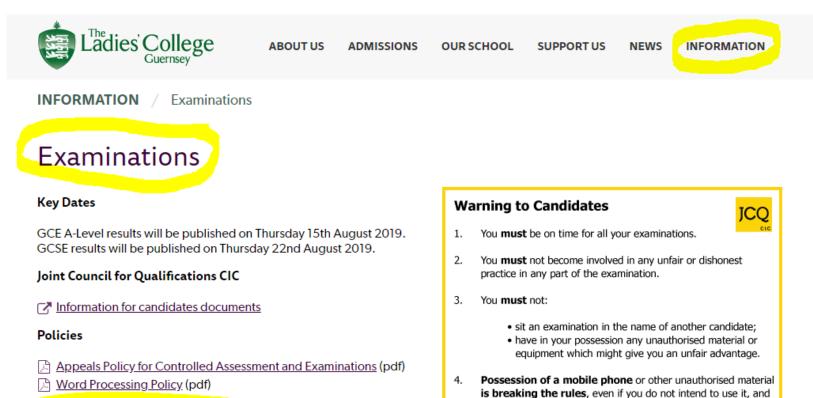
Assessments need to be carried out no earlier than Year 9 (U4)

Assessor comes in to College once a term

Will be valid for Sixth Form if the access arrangement is still needed



### **Exam Access Arrangements**



#### Examinations Access Arrangements

Download EAA Guidance (docx)

 You must not talk to, attempt to communicate with or disturb other candidates once you have entered the examination room.

you will be subject to penalty and possible disgualification.





## Citizenship

### Miss Elena Johnson Head of Careers, PSHEE and Citizenship



### SUCCESS WITHOUT HAPPINESS IS FAILURE

TONY ROBBINS

PICTURE QUOTES . com







### Citizenship

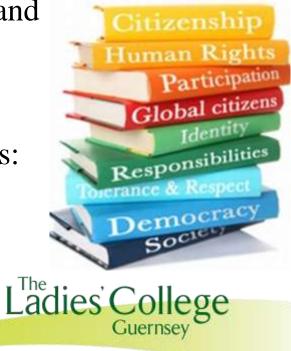
1 hour per week - builds on the work done in PSHEE at KS3

#### Aims

To support the girls to live happy, safe and healthy lives. To equip them to make informed life choices and become active members of the community.

Each year, girls will cover the following topics:

- Health and well-being
- Relationships
- Living in the wider world



### Citizenship

#### **Agency Support**

The following agencies are supporting our teaching this year.

- SHARE (sexual health and relationships education)
- Action for Children
- The Youth Commission



#### **Michaelmas Term**

Health and Wellbeing	Living in the Wider World
Transition to Key Stage 4	Money Management
Mental Health Stigma	Gambling
Mental Health (recognising and supporting)	



### **Lent Term**

Relationships	Health and Wellbeing	
Sexual Health	Dental Health	
Healthy and Unhealthy Relationships	Drugs Awareness	
Domestic Abuse	Tobacco Awareness	
	<b>Blood and Organ Donation</b>	



### **Trinity Term**

Relationships	Living in the Wider World
Trans Awareness	<b>Career Opportunities</b>
Transphobic bullying	Maintaining a positive online reputation
LGBTQ+ Awareness	Morrisby Career Profiling



### **Upper 5 Curriculum**

Health and Wellbeing	Relationships	Living in the Wider World
Emergency responses to health concerns	Being body aware (cancer awareness)	Making the right A Level choices
Lifestyle choices and supporting healthy	Healthy Relationships	Post 16 options
behaviours	Dealing with unwanted attention on and offline	LC Options Process
<b>Risks of aesthetic and</b>		Enhancing your CV
cosmetic alterations	Domestic Abuse	
		Managing online presence
Resilience, stress	Pornography and its effects	
management and positive thinking	on relationships	Study Skills
	Forced Marriage and honour based violence	Extremism and radicalisation



- Careers guidance assessment
- Assesses aptitude, personality and working preferences
- Produces a profile of strengths and preferences
- Provides a comprehensive list of careers suited to the individual
- Perfect preparation for making A-Level choices in Upper 5
- Follow up interview with careers professional to discuss results





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### **Curriculum review cycle**

- Future skills
- Development targets
  - Independent Learning
  - Well-being
  - Learning Support
- Collection of data
  - Appropriate times
  - National trends and best practice
  - Teacher expertise
  - Stakeholder survey









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