

DEMONSTRATING THE CURVE OF THE BASE BALL IN THE LECTURE ROOM

R W Wood - Science 08 Dec 1899: Vol. 10,

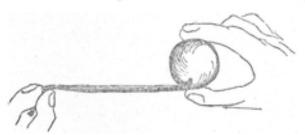
Issue 258, pp. 851

DEMONSTRATING THE CURVE OF THE BASE BALL IN THE LECTURE ROOM.

THE limited space in the lecture room, and the presence of one's audience makes a demonstration of curve pitching difficult even if one has the necessary skill. If the curve is to be made at all apparent in a limited space the ball must be exceedingly light, and the axial rotation very rapid.

I have found the ordinary oak-ball or oakapple very suitable for this purpose. The rough surface gives the necessary friction, and the ball itself is as light as an egg shell and much stronger.

A strip of rubber band about 15 cms. long and 0.5 cm. wide is wound under tension around the ball (two or three turns are enough), and the ball 'catapulted' forward by means of the remainder of the band as shown in the figure. The ball will rise,

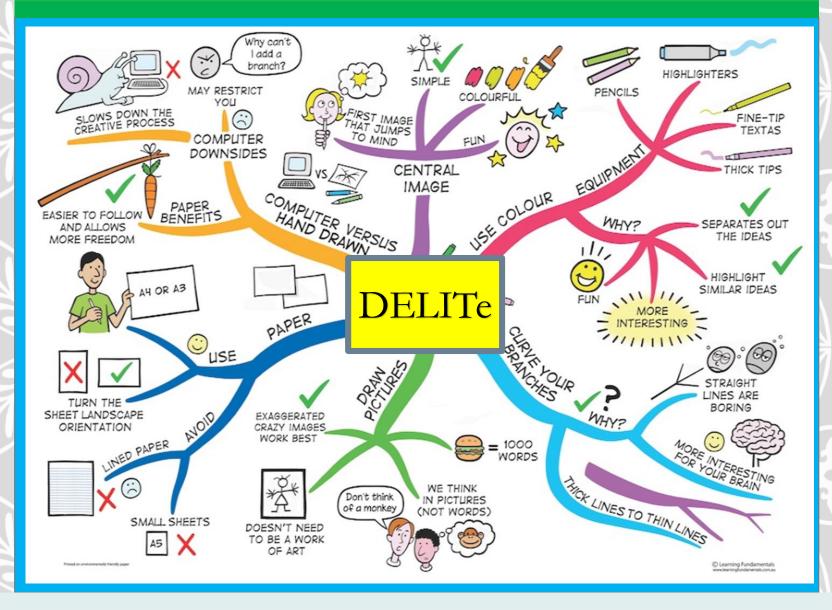


drop, or curve to one side, according to the position in which it is held. A total deflection of 45° is easily obtained, and when pitching the rise (which is the case shown in the figure) the ball, starting in a horizontal direction, will sometimes ascend half way to the ceiling. This curve is the most striking of course, as the attraction of gravitation is overcome. It shows to the best advantage when thrown directly away from the observer, but this of course is difficult in the lecture hall.

These oak balls are also very suitable for showing the suspension of a ball in an air jet.

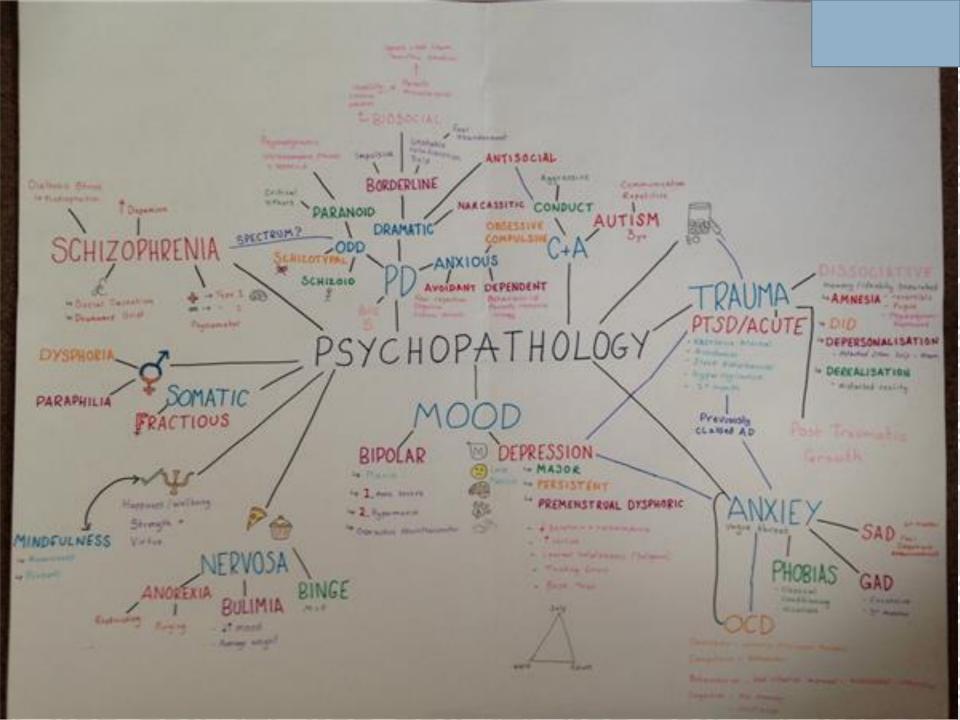
R. W. Wood.

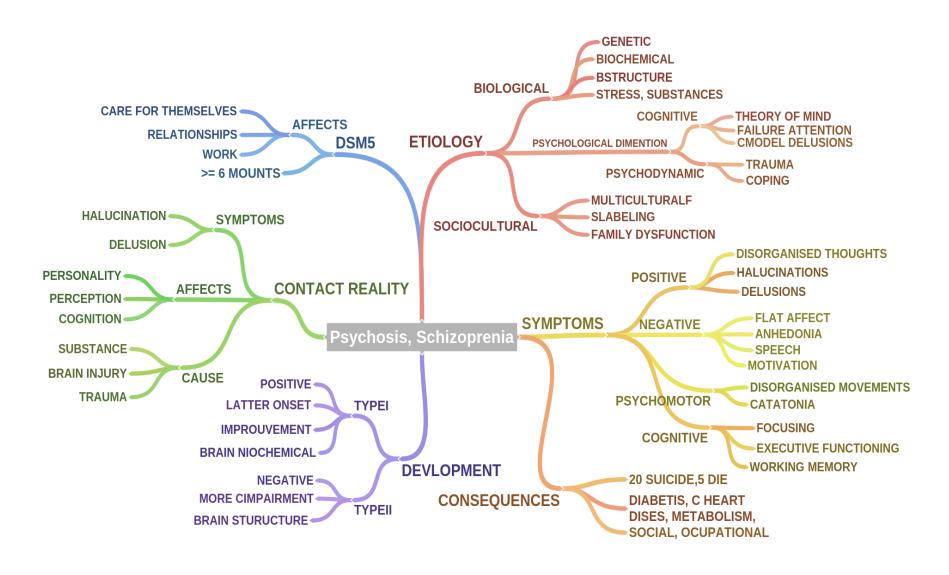
INTEGRATION OF YOUR KNOWLEDGE

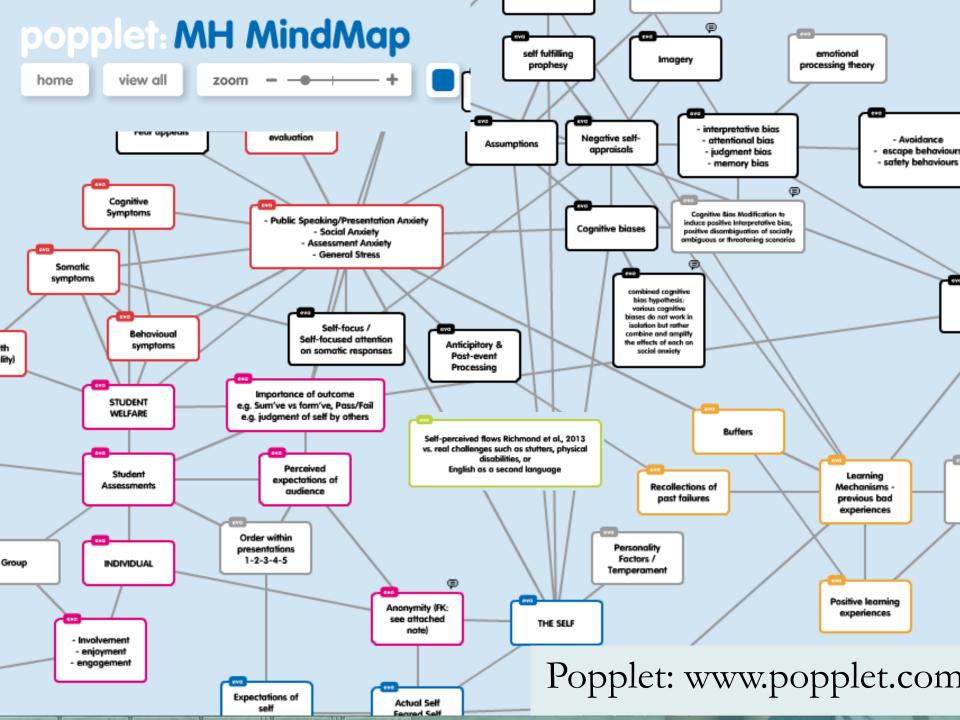


Timer:









WHO DOES WHAT AND WHY?

1404 | 1404 | 1404 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 | 1406 |

o A short survey!

LEARNING THROUGH OBSERVING

Social-Cognitive Theory 'learning that occurs by observing the behaviour of a model'

Idea Generation

Link to lecture / set objectives

Generating and Capturing Ideas

Idea generation done right

Practice

GUEST LECTURER TO GUEST INTERVIEWEE

Instead of lecturing



Try Interviewing



And have the students generate the questions!

Hi, Graham Thomas! This is your Poll Ev page. Your audience will see the content below. If this is confusing, <u>learn more</u> about Poll Ev pages or <u>go back</u> .						
My suggested question for Richard Weaver, Managing Director, XenoGesis Ltd, relevant to the themes of Enterprise and Business Development. (Please add a new question and/or promote or demote someone else's question via the voting buttons).						
Enter a response	Enter a response					
	Submit					
Top New						
	All caught up!					
0 What growth strategies are you working on currently						
O How do you promote innovation in your company						

STUDENTS TO GUEST SPEAKER



You + 21

Questions for John

John has suffered with PTSD and has undergone treatment. He now teaches others about PTSD. Please leave any questions you would like John to answer relating to PTSD here.

Ouestion

How long have you suffered from PTSD?

What event caused your PTSD?

What treatment have you had? Did it help?

Did you have

Did you have any symptoms of depression, anxiety etc before you got PTSD? Do you think you were susceptible to PTSD?

What would you say is the hardest part of recovery/treatment?

What advice would you give to someone else suffering from PTSD?

Question

When did you realise you had PTSD? How did you know it was time to get help?

Have you experienced any stigma due to PTSD? If so, what could be done to reduce stigma?

What symptoms do you suffer from?

Question

Can talking about the trauma ever re-traumatise someone?

0

PTSD is commonly associated with war veterans. What other events have you come across that have led to the development of PTSD?

Q

How long did you have treatment for and how effective would you say it has been?

0

Is it difficult teaching others about PTSD having had it yourself? Does it bring up bad memories and potentially things you would rather forget or is it helpful and maybe helped you in

How soon after the traumatic event did you experience the symptoms?

Did you suffer from any other mental illness before having PTSD?

Question

Does your PTSD still affect you today?

Q

How did you feel about being labelled with having a mental disorder?

Q

I am writing my dissertation on sleep paralysis in trauma victims, have you ever experienced any sleeping disorders as a result of PTSD?

Do you think your PTSD has affected your family/friends as well as yourself? If yes then how so? and how did they deal with it?

What has affected you the most (what every day things did you struggle to complete)?

What is the worst thing anybody can say to you with regards to your experiences of having PTSD

Q

How does the portrayal of PTSD in the media differ from the reality?

auestion

how has life changed for you since being diagnosed with the disorder? Q

Do you think the resilience of your family /support network affected how you coped with PTSD?

How would your family describe their experience of your PTSD, how did they cope with it and how did that influence your coping?

What coping mechanism do you feel best helped you with your PTSD?

Do you feel that you experienced any post traumatic growth alongside your PTSD? n.

How long was it before you realised something was not quite right?

How long was it before you knew you had to seek help or was it someone else that made you aware?

Men's mental health has only recently been highlighted as a prominence in society. Was there any stereotypical gender influence which may have delayed you getting the help you needed?

How is the treatment going, is it helping? in what way?

n

Do you ever become scared that your PTSD may come back, or that another traumatic event may trigger it again?

0

Has PTSD affected your viewpoint of the world? If so, in a positive or negative way? Do you feel a heightened awareness of everyone and everything around you which might not necessarily be a bad thing.

Q

Is there a particular time that your PTSD was at its worst? A specific flashback?

Ouestion:

Once you knew something was wrong, did you realise and have insight into the fact that your PTSD was due to a certain experience/life event?

Gill

How accessible would you say getting treatment was? Was there a waiting list to be seen?

Do you think more can be done to educate people on what PTSD is in the general public and what to do if someone thinks they are suffering?

Do you feel there is a stigma associated with PTSD?

Did having PTSD affect your work life or the way people treated you once you had a diagnosis?

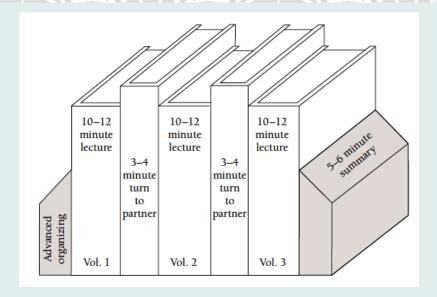
www.padlet.com

DESIGN STRATEGIES

Gagne, R. (1985). The Conditions of Learning (4th.). New York: Holt, Rinehart & Winston.



https://www.unthsc.edu/center-for-innovative-learning/teaching-strategies-fink-gagne-and-smith/super-strategies-

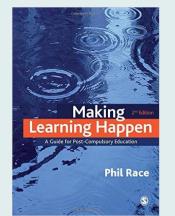


Going Deeper: Formal Small-Group Learning in Large Classes

Karl A. Smith

New Directions for Teaching and Learning

Volume 2000, Issue 81, pages 25-46, Spring 2000



Race, P. (2010). Making Learning Happen: A Guide for Post-Compulsory Education. Sage.

Chapter 6: Making learning happen in large groups

Chapter 7: Making learning happen in small groups

INTERACTIVE TEACHING

(404) > (404) > (40

- ° two-way interaction between lecturer & students
- o increased discussion among students
- o active student involvement with content

SG Small Groups



- Steinert & Snell (1999)

LG Large Groups



FOSTERING RELATIONSHIPS

- Using interaction to develop relationships <u>with</u> and <u>among</u> students
 - o Encouraged to participate and contribute
 - † identification with and belonging to group
 - ∘ ↑ self-efficacy in working collaboratively to achieve goals
 - ∘ ↓ anxiety about voicing own opinions, asking questions



FOSTERING THE STUDENT-LECTURER RELATIONSHIP

- Get to know your students
- Interact with students
- °State your opinions and ask for theirs
- Share your own academic interests and show interest in theirs gear the material to this
- o Give options
 - <u>http://padlet.com/eva_zysk/kovh1pkyj1g4</u>
- °Important for small and large group teaching alike!

PSYC30935: WELCOME

Dr Eva Zysk, eva.zysk@ntu.ac.uk, 0115 848 5599 Office Hours: Thursdays 1-2 and 4-5pm

SG

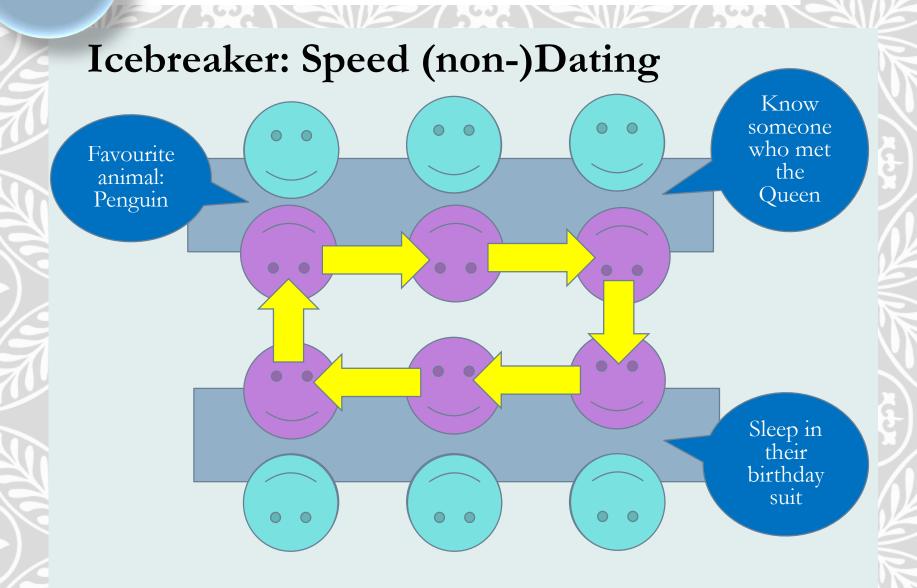


LG

- Nameplates

SG

PSYC10025: WELCOME







LG SG

- Awareness week
- Fundraising Effort
- OCD Conference bursaries
- ° Research projects Research Apprentices

I'm supporting
OCD
Awareness Week





LG

GIVE OPTIONS

SG

Marijuana Legalization and Regulation



Marijuana Legalization and Regulation The Basics Voters in Alaska, Oregon and Was...

DRUGPOLICY

Debate Topic - Becky

From the sounds of it everyone is interested in different ones but the marijuana one is a constant one in everyones like top 2 normally. Shall we just say we do that one and then start preparing for it and maybe pick sides as to who wants to be proposition and who wants to be opposition?

Shannon

sorry about the reply, my now has been playing up a bit

debate topic sounds good to me,

but i thought we weren't exactly picking sides, everyone was just going to speak when they need or wanted?

but if not I dont really mind which side to im on!

ill prepare for both then see whos on

The economic case for legalising cannabis



The economic case for legalising cannabis It seems a lot to spend on punishing people f...

TELEGRAPH.CO.UK

Charie

Hi guys, I think if I were to pick a topic it would either be the children starting school or marijuana one. I don't personally know much about parapsychology but sounds like it would be very interesting to look into.

Charis

I would like to be propostion if possible but don't mind either way :)

Debate Idea - Marium:

Hey guys! Two debate topics I thought of suggesting for Monday are:

- 1. Euthanasia should be legalised
- 2. Marijuana should be legalised

Eva's Tips...

You can upload links (e.g....)

Roh

Hi everyone,

I'm sorry for late joining here. I can see that you already decided on topic. So I won't offer a new one. However, I would like to join on Monday debate, if possible? ;) cheers

Reasons Marijuana should remain ILLEGAL



John Hawkins - 5 Reasons Marijuana Should... How did we end up in a world where Big Gulp...

TOWNHALL.CO

Marium

Yes I think marijuana has the most votes overall. I would prefer to be proposition. But some of the class is missing, there are 5 of us so far. I think 5 is enough for a debate though?

Debate idea - Vincent:

Hi guys,

Two debate topics i think we could debate on Monday are as follows:

Education and Intelligence: when a student has difficulty learning, is it the

BBC News - Washington



Washington DC legalises marijuana possessi... Washington DC has become the latest place i...

MAN BBC NEW

Reco

I've only just been able to get on this for some reason. I think both marijuana and the parapsychology ones sound interesting, where do we vote? and how do we know who is debating on monday?

Becky

I dont mind being opposition then:). We could do 3 on one side and 2 on the other? Im not too sure either with whether the whole class need to be in the debate or whether 5 people is enough and the others will do another debate.

Idea From Becky:

I was thinking about the big list of topics we made a while ago and I thought an interesting topic could be the one we thought about regarding the age children start school. I cant remember what the statement was

₹nh

Doesn't matter for me. I'll be and as Shannon said I'll prepa

Eva's thoughts (they don't count

While I don't get a say in this up to you, I have heard debareuthanasia and marijuana by group so the ones suggested Vincent would be super inter Having said that, I was skepti marijuana topic would work, actually made for a good deb

Marin

Ok:) We're getting somewhe and me on proposition so far opposition and Vincent and E decide which side they prefei

lincont

Hi guys, i think i would like to proposition team if legalization marijuana is the debatetopic

Dehate

Both sides can use this page the argument in conjunction, can make up their own

Padlet page so you don't kno other side will be arguing

Becky

That sounds good Rob! Do yo the opposing side so it is at le

Students choosing & researching topic



Things to consider:

Classroom or outside classroom?

Choice of room

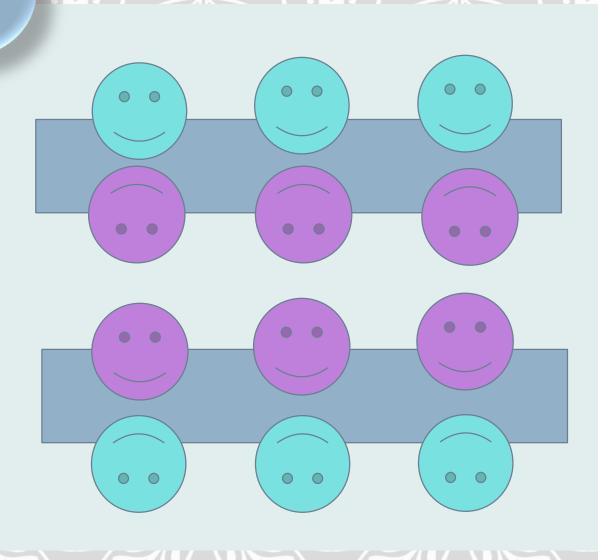
Room layout

Room arrangement

Static or movement?

ROOM LAYOUT

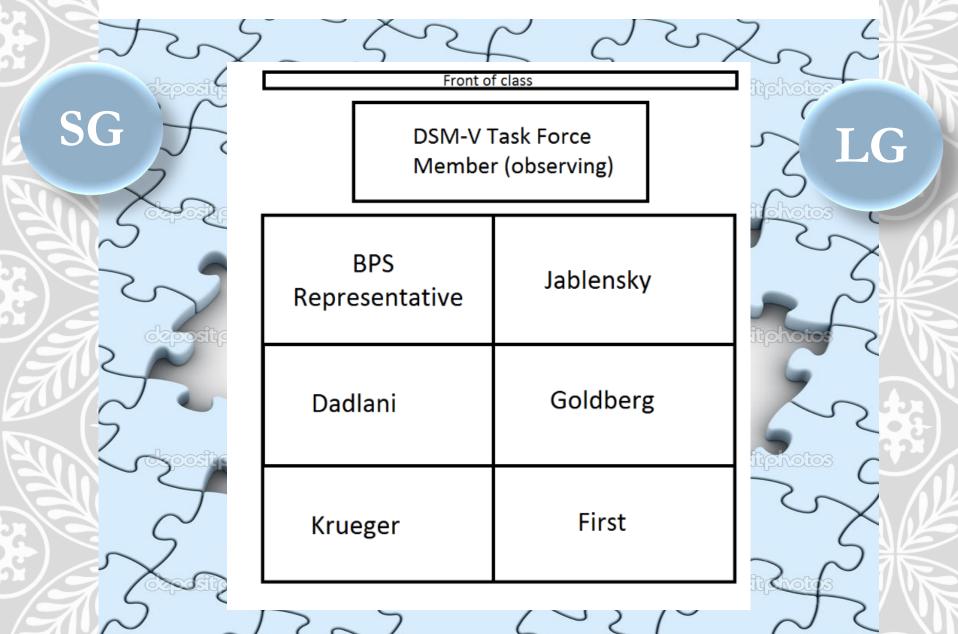
SG



ROOM LAYOUT SG

ROOM LAYOUT SG

WS 1: Assessment & Diagnosis



PART I OF WS

FRONT OF CLASS

LG

DSM-V Task Force Member (observing)

BPS Representative	Jablensky
Dadlani	Goldberg
Krueger	First

DSM-V Task Force Member (observing)

BPS Representative	Jablensky
Dadlani	Goldberg
Krueger	First

DSM-V Task Force Member (observing)

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DSM-V Task Force Member (observing)

BPS Representative	Jablensky
Dadlani	Goldberg
Krueger	First

DSM-V Task Force Member (observing)

BPS Representative	Jablensky
Dadlani	Goldberg
Krueger	First

PART II OF WS

FRONT OF CLASS

LG

BPS Reps

Dadlanis

DSM-5
Task Force

+ Lecturer

Jablenskys

Goldbergs

Kruegers

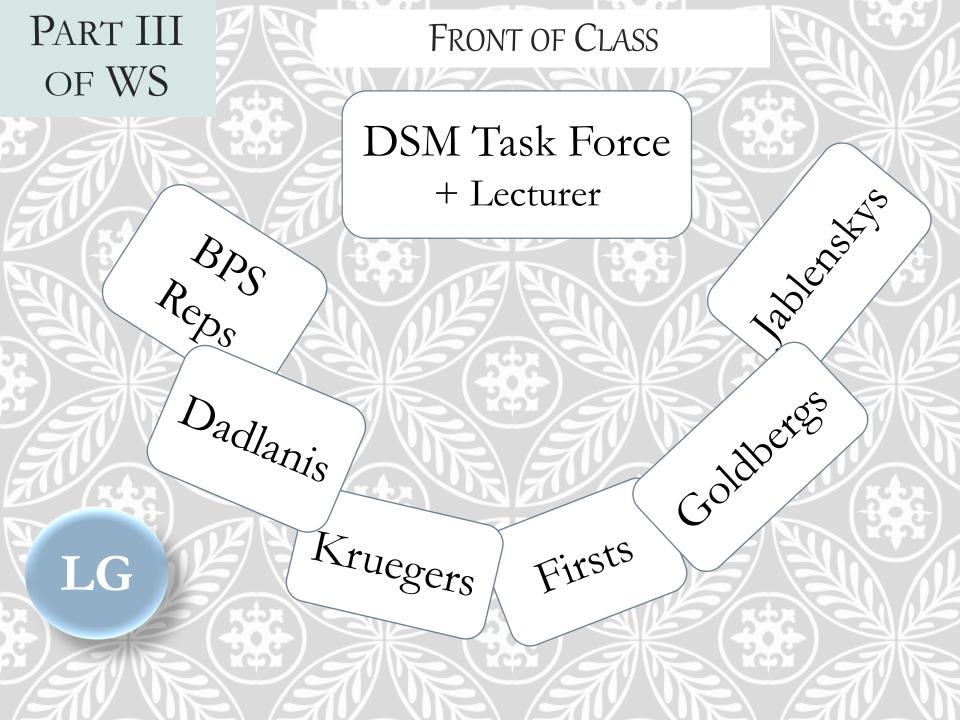
Firsts

DIAGNOSTIC AND STATISTICAL MANUAL OF MENTAL DISORDERS

FIFTH EDITION

DSM-5

CONVENTION



DIGITAL TECHNOLOGIES FOR USE OF SMALL & LARGE GROUPS

What are some digital technologies that you are aware of that can be used for teaching & learning?



padlet.com/eva_zysk/Digital

Introduction to Psychopathology

- ° Psychopathology
 - **Definition:** The scientific study of mental disorders

< (40f) | (40f

What are some mental health disorders that you have heard of?

LG

MENTAL DISORDERS COVERED IN PSYC30935



PPY Disorders Pre-Module

Table 3

Seasonal affective disorder

Antisocial personality disorder

Borederline personality disorder

Depression

OCD

Schizophrenia

Phobias

Bipolar

PTSD Anorexia

Schizophrenia - delusions

Depression - low mood

OCD - compulsions

Bipolar - extreme moods

Multiple personality disorder -

Anxiety - panic attacks

Contract of the last of the la

ADHD - hyperactivity Bulimia- binge eating

Anorexia - not eating

Alice

Bipolar - high and low moods

Social anxiety disorder -

shaking/tremors, phobia of being in social situations

Depression - loss of appetite, loss of interest in simple daily activities / things that were previously enjoyable

OCD - compulsive order

Table 5?

Depression - low mood

Bipolar - low/high mood

Schizophrenia- hallucinations

Anorexia - starvation

Bulimia - vomiting

OCD - repetitive behaviours

GAD - anxious feelings

ADHD - lack of concentration

Post natal depression - feeling no

connection to child

Stress - lack of appetite

Phobias - rear of something that affects every day life

PTSD - trauma, nightmares

Sociopath- lack of empathy

MPD - more than one personality

Bipolar

Bipolar

Depression

OCD

schizophrenia

PTSD

ADHD

Personality disorder

OCD

Anorexia

Bipolar

ADD

Antisocial personality disorder

Bulimia

Allstars

Depression

Anorexia

Personality disorder

Bulimia

Social anxiety

Table 1

Anorexia - withholding food

Bulimia - making yourself sick

Schizophrenia - auditory

hallucinations

Multiple personality disorder personality/behaviour changes

PTSD - flashbacks

Densecolos deucmood

Anxiety - panic attacks

Dissociative identity disorder - dissociation, forgetting identity

OCD - repetitive behaviours

Bipolar - mania and then depressive episodes

Table 2

Anorexia- starving yourself intentionally

Bulimia- making yourself throw up intentionally

Depression-low mood

OCD- compulsive order of things

Schizophrenia- hallucinations and hearing voices

Phobias- very scared of something to the point of distress

Anxiety- panic attacks

Bipolar- overly happy

Autism- isolated

Hypochondriac- health anxiety

Factitious disorder- imagining you're ill

Conduct disorder- behavioural problems

ADHD- behavioural disorder(when someone seeks attention and acts out when they don't get it)

Schizophrenia

Depression

OCD

Anviaha

Multiple personality

All stars

PTSD

Post natal depression

Maternal OCD

ADHD

Aspergers

Autism

Dyslexia

Dementia

Obsessive compulsive disorderintrusive thoughts

Depression-guilt

from others

Social anxiety- fear of judgement

Psychosis- hearing voices/hallucinating

Schizophrenia- hearing voices

Multiple Personality Disorder- Black out

Eating disorders

PTST

ADHD

Autism

Group Name

(click to start post)

- MH Disorder 1

- MH Disorder 2

Alistars

Body dysmorphic disorder

Anxiety - panic attacks

Depression - low moods

Bipolar -

Manic/depressive behaviour

OCD - Repetitive abnormal habits

Multiple Personality Disorder - Two personalities coming from the same person

Amnesia - forgetting short or long term memory

Schizophrenia-Catatonic/Paranoid

Eating disorder -Starving one self (Anorexia) or throwing food up (Bulimia)

Ptsd - Nightmares/socially isolated after a traumatic experience

MENTAL DISORDERS COVERED IN PSYC30935



ADHD

Paraphilias

Skin pickin disorder

Fetish disorder

Trichotillomania

Chilhood trauma

OCD Eating disorders -Anorexi, bulimia Mood disorders- depression Anxiety Gender identity disorder PTSD Schizophrenia Parental OCD

exhibitionism

Fritteuristic disorder

Acute trauma

Excoriation disorder

Body Dysmorphia disorder

PTSD

Gender identity disorder

Post traumatic stress disorder

Eating disorders

Anxiety Disorders - Phobias, Social anxiety disorders, generalised anxiety disorder, agorophobia, panic attacks.

Post Traumatic Disorder Acute Stress Disorder

Internet addiction

selective Mutism

Histrionic personality disorder

Antisocial personality disorder

Schizoaffective personality type

Post natal depression

Gender identity disorder

PTSD, anxiety disorders (general anxiety disorder, OCD, social anxiety disorder), bipolar, depression, schizophrenia, psychosis disorder, borderline personality disorder, bulimia, anorexia

Schitzypal personality disorder

Factitious disorder perinatal OCD

Gender dysmorphia

skin picking disorder

Borderline personality disorder

Borderline personality disorder

PTSD

Bulimia

OCD

Dissociative identity disorder

Oppositional definiant disorder

Hoarding disorder

Skin picking disorder

Munchausen disorder

Borderline personality disorder

Social and general anxiety psychopathy

PTSD, personality disorders

Anorexia

Mood Disorders - Depression, Bipolar, Unipolar, Anxiety disorder Personality disorders - Multiple

Personality Disorder Psychosis - Schizophrenia,

SPACE RACE

<u>https://b.socrative.com/teacher/#space-race</u>

3/2 (404) 3/2 (404) 5/2 (4



SG

LG

(404) SHE (404) SHE (

LG

- Have you ever experienced a panic attack?
- o Do you have a phobia?

°www.govote.at

°Code: 70 27 71



			(24 ×)	
13	Method Used	Small	Large	
		Group	Group	1342 W
	Padlet	\mathbf{X}	X	
7	Socrative	X	X	
	Enquiry-based learning	\mathbf{X}	X	
	Guest Speakers	X	\mathbf{X}	
	Demonstrations	X	X	
1	Debates	\mathbf{X}	X	www.createdebate.com
	NOW Content	X	X	
	Student-student teaching	\mathbf{X}	X	1444 W
	Mind maps	X	X	

INTRODUCTION TO PSYCHOLOGY PSYC10025

Student Tutorial Handbook TERM 2 (2014-15)

N	A	L	P	I	N	D	U	С	T	I	v	E	N	
D	Т	N	E	M	I	R	E	P	X	Е	Т	I	U	
R	A	W	E	Y	D	R	A	v	R	A	Н	D	Y	T
Т	0	С	R	R	S	E	L	A	В	T	D	A	K	w
С	U	0	R	0	E	К	N	E	I	Y	F	0	0	E
A	W	N	E	E	A	F	D	W	N	T	0	N	P	N
R	Y	F	v	Н	P	S	E	0	E	В	Y	L	P	Т
Т	С	0	I	T	Н	D	I	R	E	0	A	K	0	Y
S	E	U	E	L	U	s	E	0	E	G	G	S	0	F
В	M	N	W	E	U	F	L	T	I	N	Y	Y	R	
A	0	D	R	L	F	E	J	A	Н	0	С	Z	Т	
K	T	F	С	E	N	E	R	S	I	I	M	I	S	
A	I	N	С	N	G	I	S	E	D	F	С	R	N	E
U	0	T	U	D	S	С	E	P	T	I	С	S	N	G
С	N	F	0	М	Т	N	0	I	S	U	L	L	0	С

Student		
Γutor		

LC

Clues:

(Note: The number after each clue refers to how many letters the word contains)

- 1. A summary of the study found at the start of a report (8)
- 2. 2" year NTU student who can provide extra support to you (5)
- 3. A variable that changes alongside the IV and limits interpretation of the results (8)
- 4. Type of data that should not be included in the Results section (3)
- 5. A structured argument with speakers taking turns discussing opposing points (6)
- 6. Using another author's language, thoughts, ideas, or expressions as your own (10)
- The only way to establish cause and effect (10).
- What one should use before starting to write an essay (+)
- 9. Type of taxonomy that helps analyse small group interaction (5)
- Number of hours the Boots library is open daily (6-+)
- 11. A framework based upon a hypothesis and backed by evidence (6)
- 12. Telling the reader where the reported information comes from (11)
- 13. The "toolbox" you should use when evaluating information (8)
- Type of experimental design that compares subjects at different times (6)
- A decrease in neuronal responsiveness over time to the same stimulus can lead to this phenomenon (5-6)
- Found at the end of an essay or report (10)
- 17. A very influential late psychologist and founder of psychoanalysis (5)
- 18. A Methods section should include _____, Materials, Participants, and Procedure (6)
- 19. Surname of Module Leader for CH Introduction to Psychology Tutorials (+)
- Style of referencing recommended by NTU (7)
- 21. Type of task that shows words interfere with colour naming (6)
- Evaluation of work by others working in the same field in order to maintain or enhance quality (#-6)
- 23. The "shape" we use when writing an introduction (6)
- 24. A type of reasoning process of arriving at a conclusion based on a set of observations (9)
- 25. A form of plagiarism involving unauthorised co-operation between 2+ people (9)
- 26. Some books can be accessed this way through the library (5)
- A subjective conscious feeling that stems from one's circumstances, mood, or relationships (7)
- 28. A system of moral principles and good conduct to which psychologists must adhere (6)

Use the remaining letters to decode the secret message:

?	
!	

THINKING ACTIVITY – IN PAIRS

Partner 1 proposes an activity that s/he runs with a **small group**.

• Partner 2 makes a creative suggestion as to how this could be adapted to work with a <u>large group</u>

~Swap~

Partner 2 proposes an activity that s/he runs with a large group.

• Partner 1 makes a creative suggestion as to how this could be adapted to work with a small group

MINDMAP - INTEGRATION OF KNOWLEDGE

