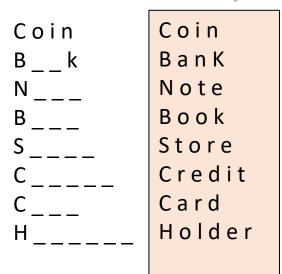
# Starter – Guess the next word in sequence

### Level 1

Light Light H\_us\_ House Pl\_\_t Plant  $R_{-}t$ Root B \_ \_ \_ Beer M \_ \_ Mug S h \_ \_ Shot  $G_ass$ Glass

## Level 2 Hint: think money

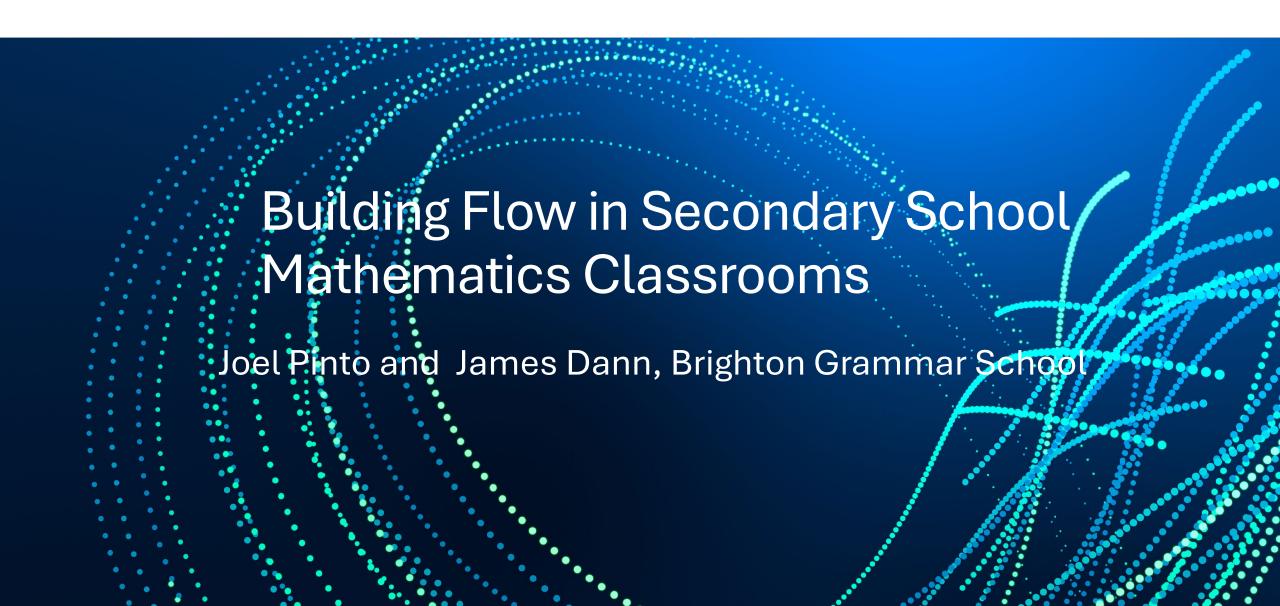


# Level 3: Challenge

```
Spider
W___ Web
D_____ Design
S_____ Studlo
A_____ Apartment
S____ Search
E____ Engine
B____ Block
P____ Party
```







# 'To be in flow' 'To be in the zone'

"I'm cooking sir"

• What does this mean to you? What elements in the starter got you into flow?

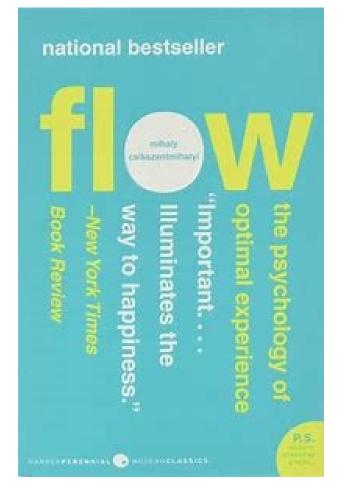
2 minute Turn and Talk

# What is flow?

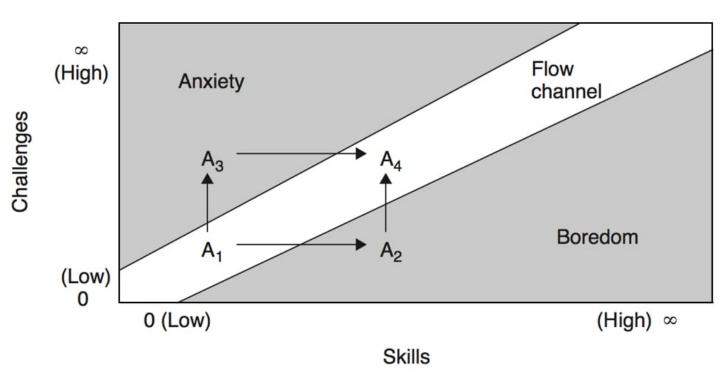
Flow theory - Mihaly Csikszentmihalyi

Flow is what describes this peculiar feeling of complete involvement with what you're doing which comes when you're paying attention to a goal....this concentration and what goes on in the moment is the experience of flow. (Chapter 1)

A state of optimal motivation (Deci and Ryan 2008)



A very positive psychological state that typically occurs when a person perceives a balance between the challenges associated with a situation and their ability to meet the demands of the challenge and accomplish. (Beard 2014)



The Flow. After Mihaly Csikszentmihalyi, The Flow (1990), p. 74

# What actions or behaviours do you see in your classroom when students are not in the flow channel?

2 minute pair and share

# Factors that affect flow

### Chapter 2

- 1. A clear goal
- 2. Feedback
- 3. Challenges that match the skills
- 4. Concentration avoiding the distractions to devote all your energy to the task at hand.
- 5. Focus disciplining one's self to narrowly zone in on a single task to do it well.
- 6. Control sense the possibility of control.
- 7. Loss of Self-consciousness
- 8. Transformation of time

Strategies to achieve flow



# A Clear goal: Learning Intentions and Success Criteria

### Chapter 3:

"Obstacle to flow – Lack of clarity......Clarity of goals is a critical element of flow since any goal pursued with concentrated effort can provide a transformative experience making anything you do more interesting"

- 1. Learning Intentions
- 2. Topic Success Criteria (TSCs)

Or

3. Lesson Breakdown

### Topic Success Criteria - Self-Assessment Checklist

1. I can convert between logarithmic equations and exponential equations.	10A: 1-2	
Sample Question		
Write an equivalent statement to the following		
(a) $\log_{10} 1000 = 3$ (b) $2^5 = 32$		

2. I can evaluate simple logarithms without a calculator.			10A: 4-5	
Sample Question Evaluate the following logarithms without a calculator.				
(a) log <sub>2</sub> 8	(b) log <sub>5</sub> 625	(c) $\log_3 \frac{1}{9}$	(d) $\log_{10} 0.001$	

3. I can evalu	uate logarithms using a CAS calculator.	10A: 6	
Sample Question Evaluate, correct to three decimal places, using a calculator.			
(a) log <sub>10</sub> 7	(b) log <sub>10</sub> 0.5		



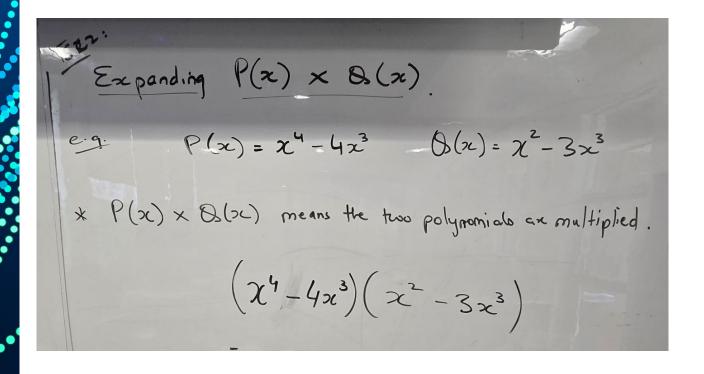
# Unit plans outline lesson intentions and topic success criteria

10. I can expand and simplify polynomials in the form of 
$$P(x) \times Q(x)$$
.

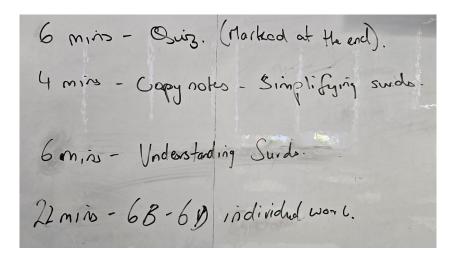
Sample Question

If  $P(x) = x^2 + x - 1$  and  $Q(x) = x^3 + 2x + 3$ , expand and simplify the following.

(a)  $P(x) \times Q(x)$  (b)  $(Q(x))^2$ 



# Lesson Breakdown



Unsubstantiated claim: if you give timings that are not multiples of 5, students are more likely to work to the time.



# Routines for concentration and control (and to minimise anxiety)

Chapter 10: Routines

"develop habits that all successful people have...habits of discipline which force our attention into ROUTINES that bypass the big problems that would capture our energy."

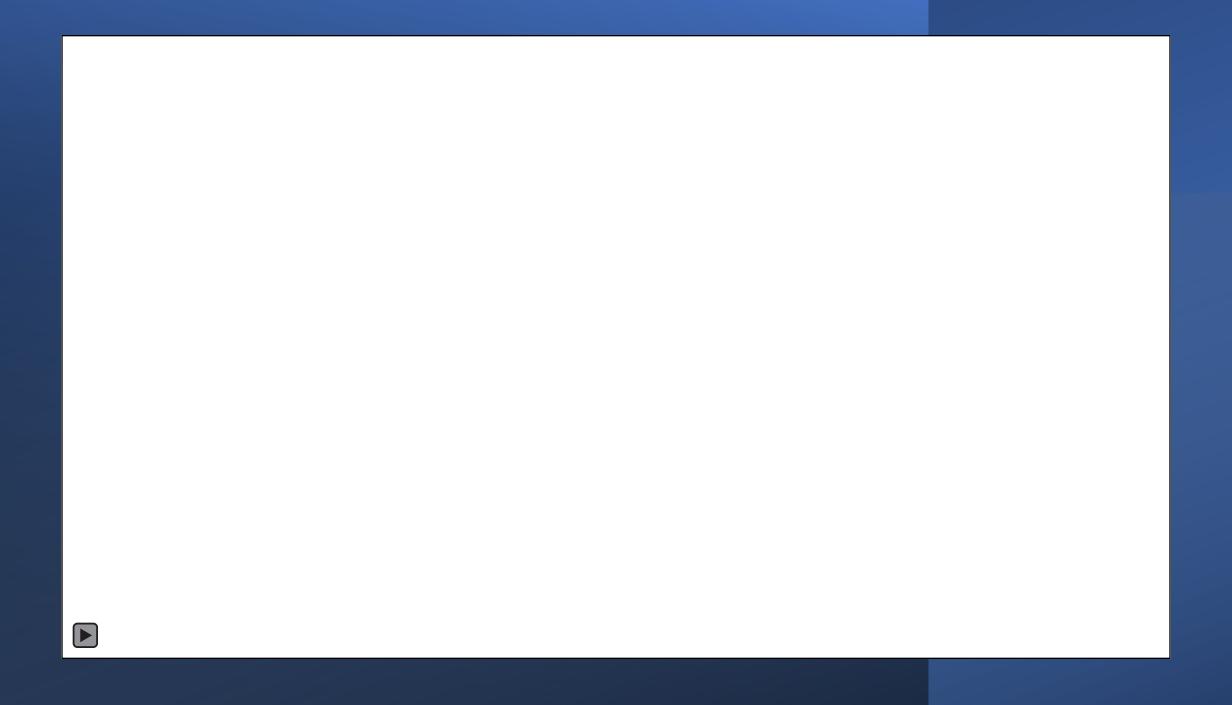
"Develop ways of getting started with our work that bypass the dread which waits for us if we don't find ways of illuding it."

Routines that 'force their mind into some kind of channel that will have the concentration once you start working'

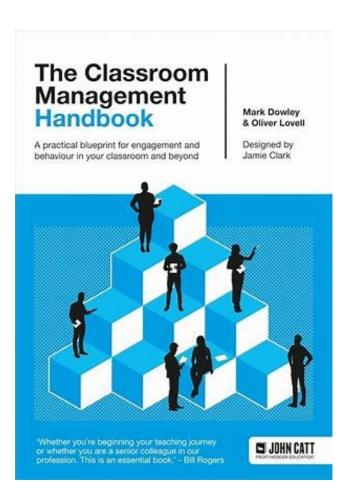
"Automatic pilot"

# Class snippet...

# Any observations from this routine....



# Developing your own routine



### **Routines**

Tool	Examples	How might you do it in your context?
1. Prime	"Good morning. Im looking forward to seeing a focused and productive entry"	
2. Make expectations explicit	"Enter silently"	
3. Check for behavioural understanding	"Whats the first expectation Jack?"	
4. Threshold	"Enter silently thank you."	
5. Positive Naration	"Jack, good start"	

Individual reflection time – Plan a routine for one class in 2025. (Use a lesson plan template)

# Flow in note-taking

Prior knowledge – Reduce anxiety as students have skills to match the challenge

Gradual release of responsibility model is to:

create an environment for students where they can begin to apply what they are learning.

Mastery is not an expectation; the teacher is there to provide scaffolds to support and guide learners."

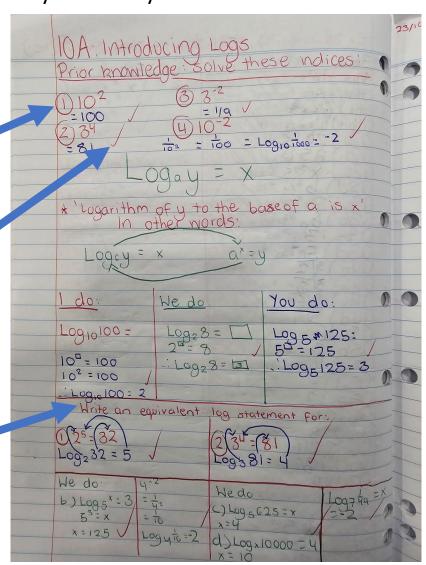
(Frey and Fisher 2010)

Challenges that match the skill

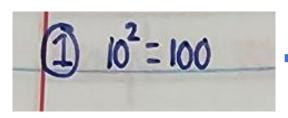
Feedback
"Give yourself a tick"
to promote
achievement

Clear goal

Which factors that affect flow can you identify?



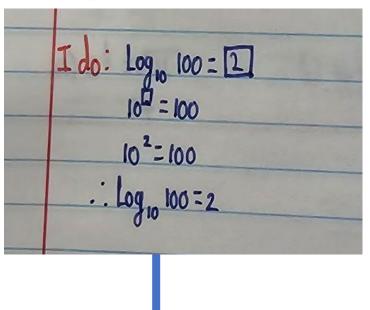
# Prior Knowledge

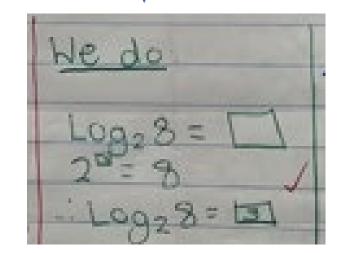


Drawing a connection with what students can control (where the challenge matches the skill) to new content.

- Reduces anxiety
- Increase concentration

# **Explicit instruction**





# Focus – Classroom management



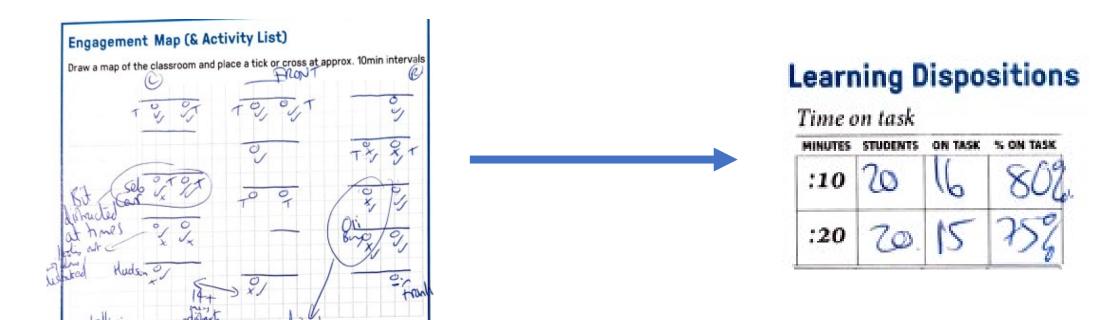
Pastor's perch – monitoring student engagement but not distracting students.

Proximity - close approach for those who are starting to lose focus



# So how do we know if students are in flow? Collect Engagement Data

Mihaly – "...Focused on what you're doing – I think that is the essential one from which all other (parts of the flow experience) come. So if I were to measure just one, I would measure that..." (Beard 2014)







# **Event App**



### **App Download Instructions**

Step 1: Download the App 'Arinex One' from the App Store or Google Play





Google Play

- Step 2: Enter Event Code: mav
- Step 3: Enter the email you registered with
- Step 4: Enter the Passcode you receive via email and click 'Verify'. Please be sure to check your Junk Mail for the email, or see the Registration Desk if you require further assistance.





