

LEARNING IN THE AGE OF DISTRACTION

Dr Karl Sebire

**Internet 'may be
just a passing
fad as millions
give up on it'**



(Daily Mail, 2000)



TIANJIN ▶

DILI ▶

DARWIN ▶

KEYSBOROUGH ▶
BERWICK
BRIGHTON
CITY

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Resumption Lag

Extended-mind

Compulsion Loop

Stopping Cues

Cognitive Load

Digital Amnesia

Phantom Pocket

Rapid Reward Cycle

Useless Class

Resumption Lag

Extended-mind

Compulsion Loop

Stopping Cues

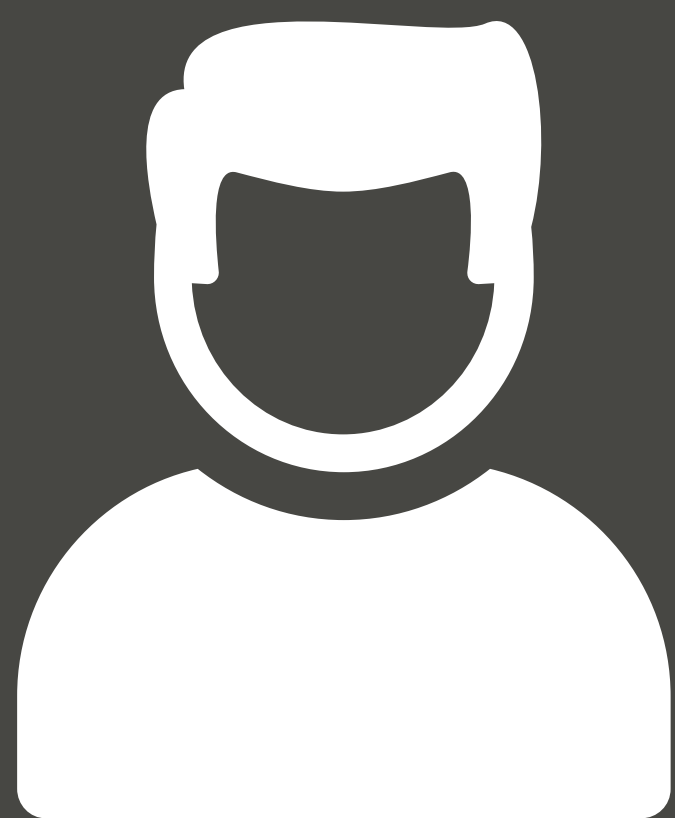
Cognitive Load

Digital Amnesia

Phantom Pocket

Rapid Reward Cycle

Useless Class



A

1





Traveling in a fried-out Kombi
On a hippie trail, head full of zombie
I met a strange lady, she made me nervous
She took me in and gave me breakfast
And she said:
Do you come from a land down under?
Where women glow and men plunder
Can't you hear, can't you hear the thunder?
You better run, you better take cover
Buying bread from a man in Brussels
He was six foot four and full of muscle
I said, "Do you speak-a my language?"
He just smiled and gave me a Vegemite sandwich
And he said:
I come from a land down under
Where beer does flow and men chunder
Can't you hear, can't you hear the thunder?
You better run, you better take cover, ye-aah
Lyin' in a den in Bombay
With a slack jaw and not much to say
I said to the man, "Are you trying to tempt me?"
Because I come from the land of plenty

COGNITIVE LOAD

Divided attention and the myth of multitasking



(Sweller, 1998)

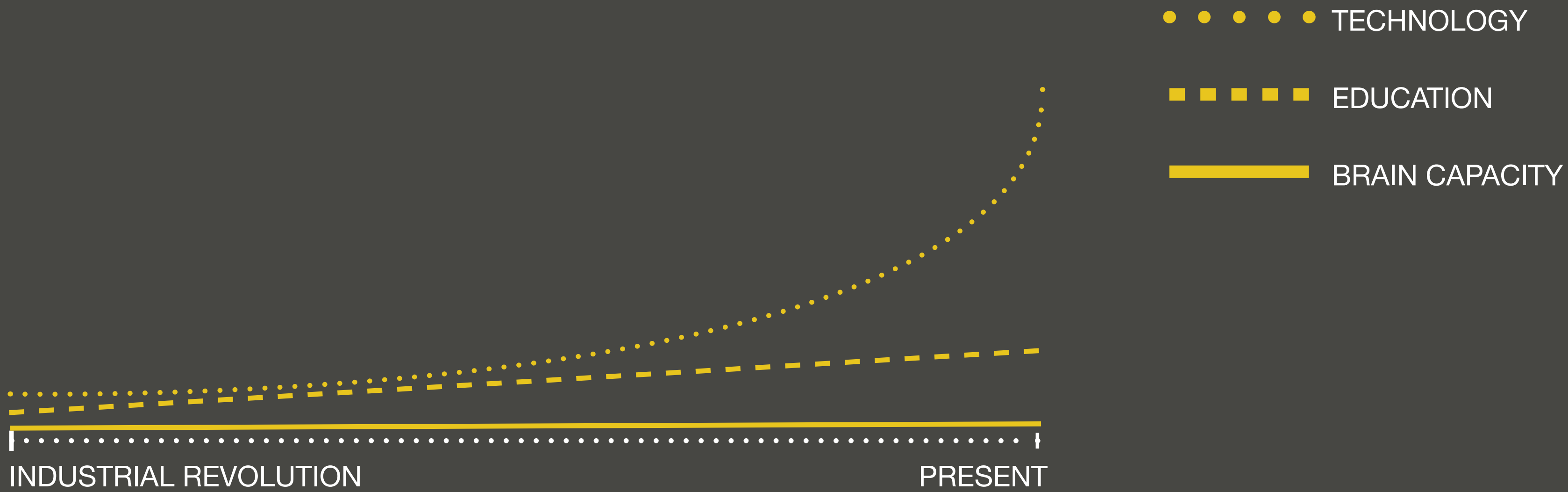
Evolution of the hominid brain



(Bretas, Yamazaki & Irki, 2020)



“We are ancient brains in a high tech world”



(Rosen, 2017)



Writing Stats

Article brief

Output length

How much should the AI write at a time?



A little

Somewhere in

A lot

between

Write for me

⌘ + Enter

Your title here...

Start writing here...



COOL MEGA

@coolmega

 Follow

Cop: u get to make one call

Me: ok but like where's my mobile this isn't 1997 i don't know
any numbers except for lube mobile

10:24 PM - 5 Jun 2017



COOL MEGA

@coolmega

 Follow

Cop: u get to make one call

Me: ok but like where's my mobile this isn't 1997 i don't know
any numbers except for lube mobile 13 30 32

10:24 PM - 5 Jun 2017



(Carr, 2016)



Francis Bacon × 🔍



Francis Bacon



PHD RESEARCH



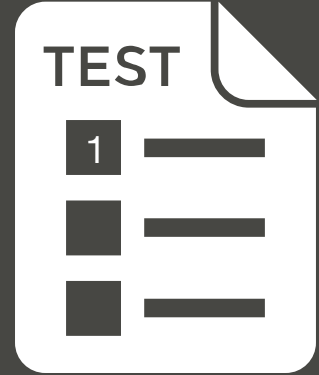

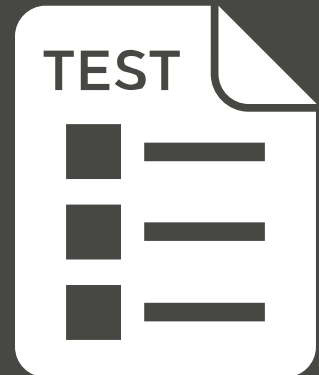

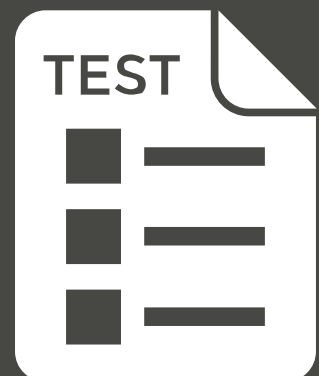

Learning in the Age of Distraction

Assessing the efficacy of technology integration on adolescent learning

This research sought to identify what these distractive qualities actually are; how and why the brain responds to them; and how pedagogical practices can attenuate the problematic behaviours associated with technology, whilst acknowledging that its benefits are myriad.

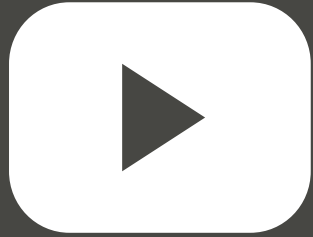


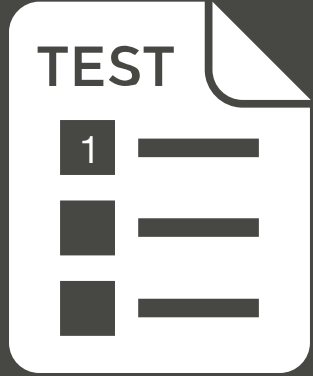












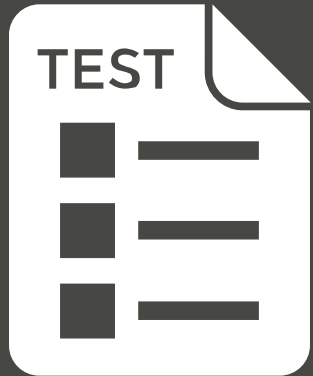





Quantitative Research

One way repeated measures analysis of variance (ANOVA)

	
GROUP	A1
	
	
	

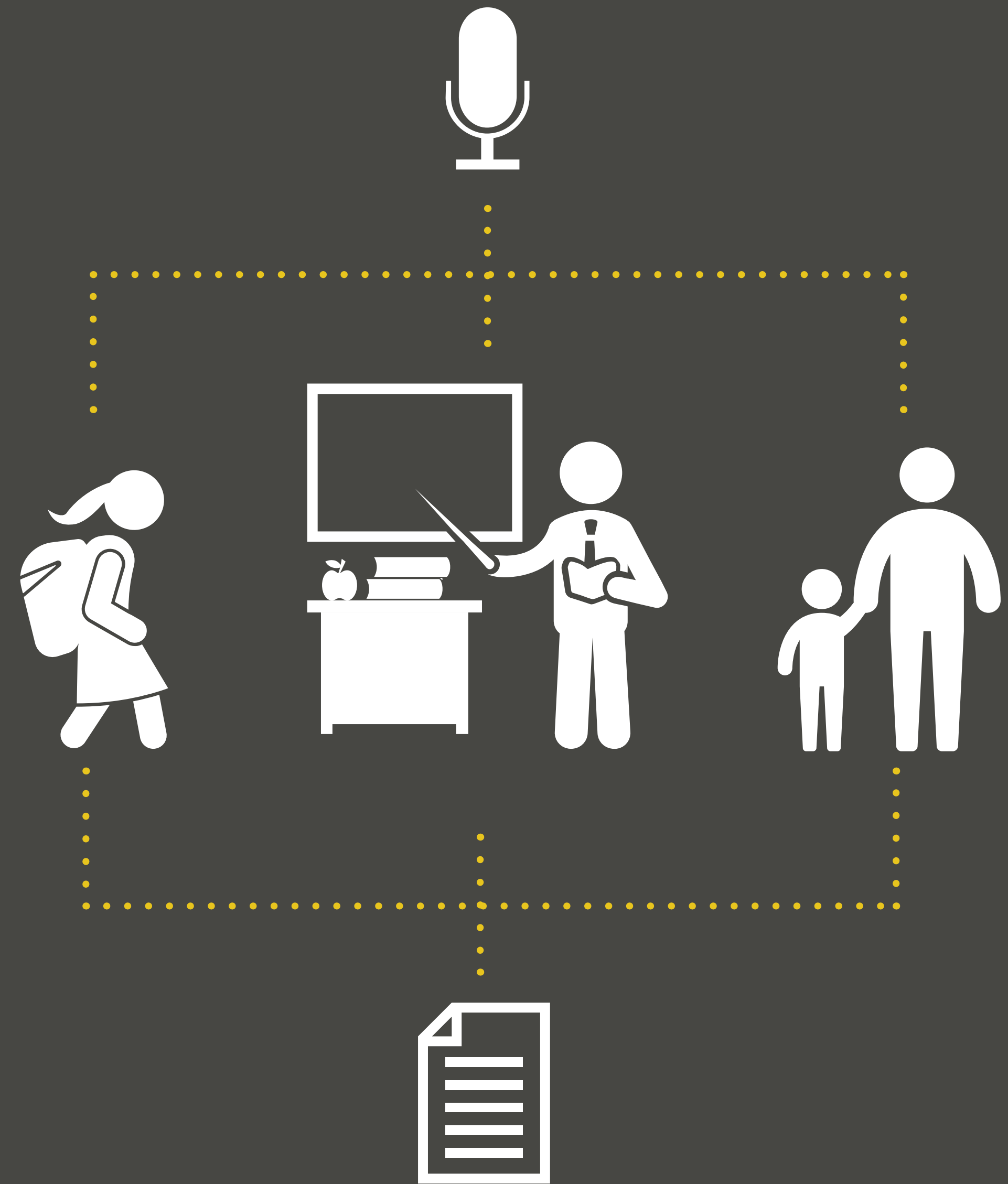
Quantitative Research

One way repeated measures analysis of variance (ANOVA)

 GROUP	A1	 A2	A3	B1	 B2	B3
						
						
						

Qualitative Research

Semi-structured Interviews

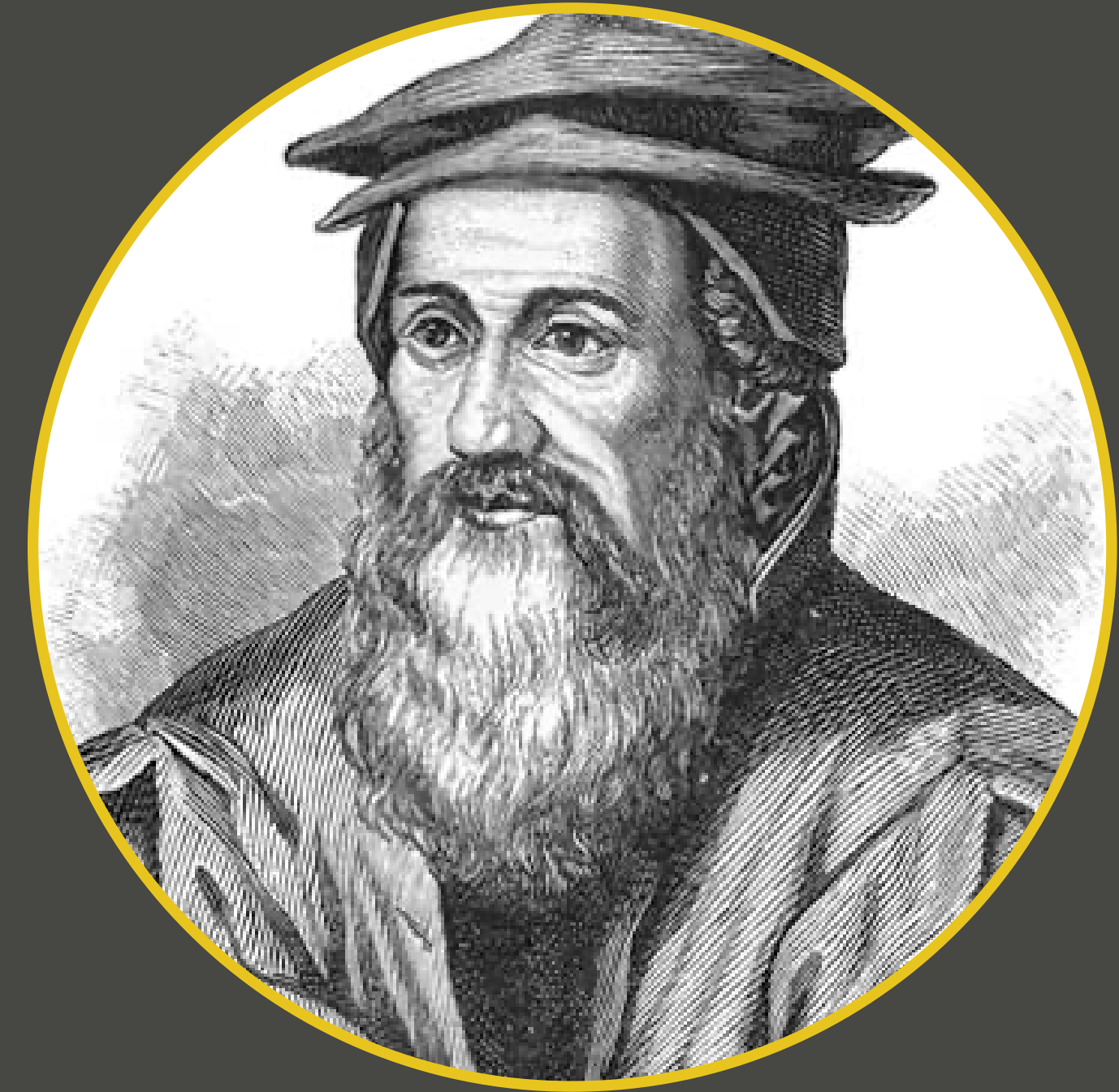




Swiss scientist Conrad Gessner was one of the very first to raise alarm over information overload, stating that such overabundance of data was “confusing and harmful” to the mind.

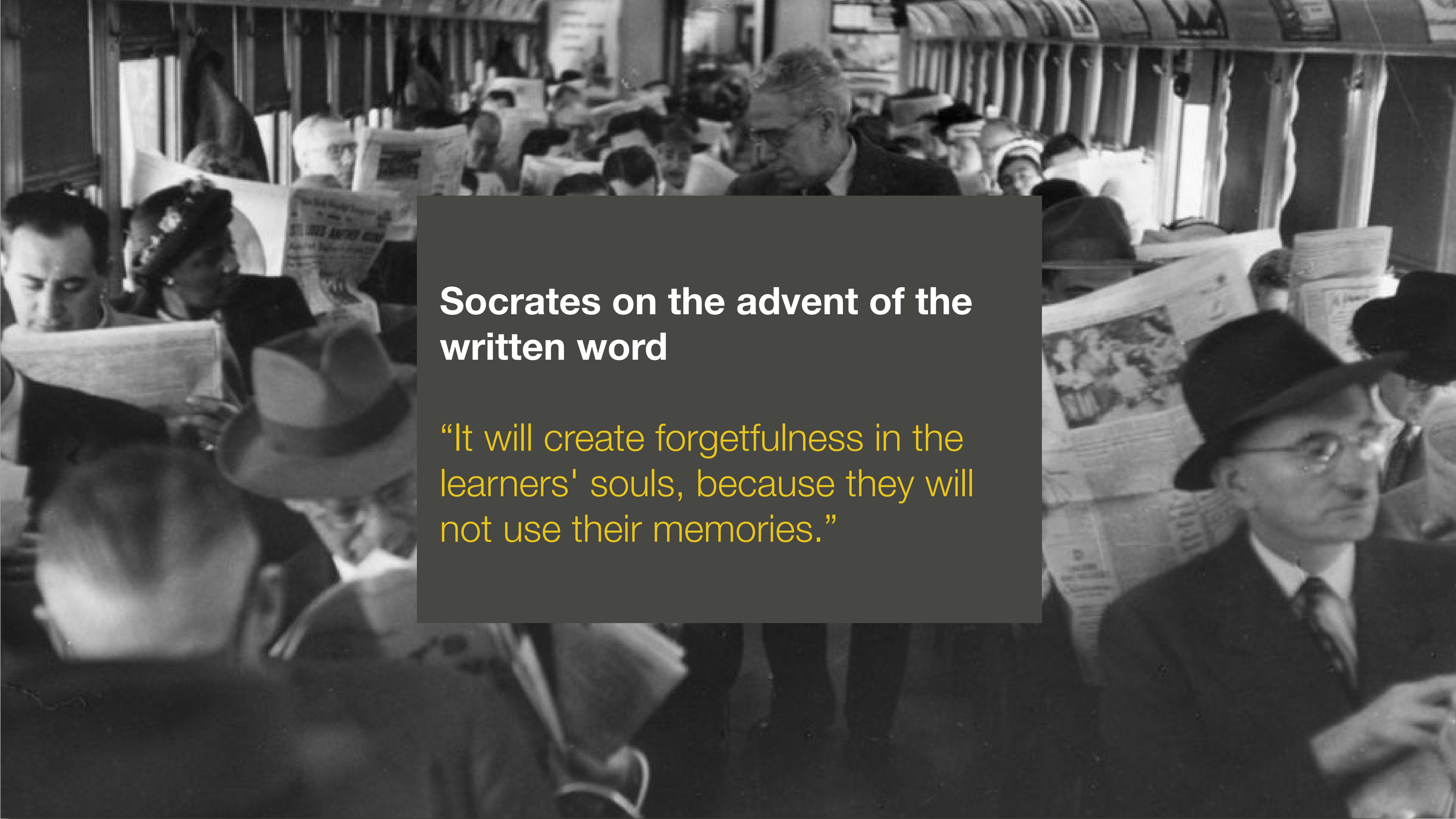
Swiss scientist Conrad Gessner was one of the very first to raise alarm over information overload, stating that such overabundance of data was “confusing and harmful” to the mind.

Exclaimed in 1565 due to the advent of the printing press.









Socrates on the advent of the written word

“It will create forgetfulness in the learners' souls, because they will not use their memories.”



beat

CULTURE

Dealing with increased screen time: Is a digital detox during a pandemic even possible?



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The coronavirus lockdown is forcing us to view 'screen time' differently

By Karl Sebire | 13 April 2020

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Coronavirus

How the coronavirus lockdown is forcing us to view 'screen time' differently

17.09.2020



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HOME > BUSINESS > INNOVATION & TECHNOLOGY > A NEW PANDEMIC: SCREEN ADDICTION

22 OCTOBER 2020 - 6:23 PM

A new pandemic: screen addiction

One impact of the COVID-19 pandemic is total screen addiction, but does it help us or damage us? Stephen Corby delves eyeballs first into the dark world of a digital era where there is no off switch.

The Sydney Morning Herald



National Victoria Education

This was published 6 months ago

OPINION

Remote learning reinforced the joys of face-to-face teaching

By Karl Sebire

November 15, 2020 - 1.43pm







ATTENTION IS THE NEW IQ



karlsebire.com/nbec

