## Unconscious bias in the primary classroom

While you're waiting, write down the first name of ten children that are most memorable as your 'best' students throughout your teaching career.

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# Read, make notes and prepare for a short quiz!

A builder, leaning out of the van, shouts "nice legs" to a nurse passing by. The same nurse arrives at work, and casually mentions this to a senior doctor. The doctor said, "I'd never say that". The doctor has two grown up children who are 22 and 30. They get on very well. One is a Sergeant in the Army; the other is training to be a beauty therapist. The doctor divorced last year and is currently dating someone else.



		True ?	False ?
1	The builder was driving a van		
2	The van was travelling quicker than the nurse		
3	There was at least one man in the van		
4	Not every man mentioned in the passage would shout `nice legs'		
5	The doctor and his wife are no longer married		
6	The doctor has a new girlfriend		
7	The doctor's son is in the army		
8	The youngest child is training to be a beauty therapist		
9	At some point in the text a man spoke to a woman		
10	A woman was shouted at		



#### Unconscious bias is a wonderful thing

As humans, we often make instinctive decisions about people	Race	Age	Gender
Disability	[		
	Our brains are hard-wired to rapidly categorise people instinctively, we use obvious characteristics to do this.		
Accent			
Job title			
	Education	Weight	Religion



#### Unconscious bias – it just might save your life!

Our unconscious bias is an automatic decision making process – it is a 'danger detector'

Our brains are bombarded with millions of pieces of sensory data ever second – it cannot possibly process them all, so we make quick assumptions



## Duck! It's better to be safe than sorry.



### Social categorisation

People form categories with which to prejudge others and other groups of people based on their prior experiences with a group, but also from what they have seen and heard, much of which they will absorbed unconsciously during the course of their lives.



#### Unconscious bias is powerful stuff!









### So far...

- We all have unconscious biases.
- They are important, they keep us alive.
- They are difficult to shake (even when we know about them).
- Our biases of other people are formed through social categorisation.



#### And now for something completely different...



Do any of these facts interest, worry, concern or surprise you?



#### Inequality on an enormous scale, but where does it come from?







### Male and female brains

Researchers analysed over 1400 MRI brain scans to look at similarities and differences in structure.

"Our results demonstrate that regardless of the cause of observed sex/gender differences in brain and behaviour (nature or nurture), human brains cannot be categorized into two distinct classes: male brain/female brain"

Joel et al., (2015), PNAS, 112 (50) 15468 -15473





## There are greater differences within genders than between genders.





# So where else might this gender inequality come from?

Cognitive social learning theory – psychological gender differences are a result of females and males receiving different rewards, punishments, people's tendency to imitate same-gender models.

> Perhaps the issue is rooted in society and incorporated into our unconscious biases!



### Boys and Girls

Not a challenge...

5 words to describe a stereotypical boy / girl.

5 words to describe a stereotypically male / female career.



#### Magnetic Girls Talk

#### tern DUNC respect over her my F/R and expression making driving FLR

clothes hairband heart love sparkle perfume beads necklace furry lipstick ribbon handbag wand glitter fairies fluff candy flowers wings sherbet bubbles sweets pink make-up skipping magic dancing ballet bunnies rainbow ladybird lemonade stars sky shoes chocolate doll party secret diary hair jewels princess queen tiara ice-cream teddy music sunshine birds butterfly sugar angel diamond cooking friends

www.bitsgewagis.com

#### 

Compliment your National Literary range with Owner Sectorite Boys words

boots glue monster scary bones racing moon helicopter aeroplane tractor money lorry wizard conkers frogs sticks mud dirt spiders snails stones bubbles sweets flags magic pond string grass rugby bug dogs caterpillar cobweb worms dinosaur dragon bike scooter forest treasure climbing swinging skeleton running ghost trees swimming lawnmower treehouse blue football chocolate car

www.Widgeniegiv.com







#### A few shocking?! findings...

- On average, teachers give boys more time than girls to answer questions in class.
- Feedback given to girls about their work is usually focussed on presentation, feedback to boys is focused on content and how to improve.
- Boys are more likely than girls to raise their hands in class than girls.
- White males tend to get more attention from the teacher than other groups.
- When teachers are asked to remember their 'best' students, the answers are overwhelmingly males. Sadker & Sadker, 2009



# In the classroom, have you ever heard?





## A note on gendered language

Gendered words in titles: Chairman, Fireman, Policeman, Postman, Cleaning lady, Dinner lady.

The generic 'he'.

'Man' - used to mean humankind. 'Man' - as a verb, a'manned' mission.

`Guys'

Our use of gendered language reinforces the stereotypes which are inherent in our unconscious biases – the subtle languages choices we make in our classes are very important!



### What can we do about it?

<ul> <li>In your next scheme of work</li> <li>Include examples of males and females as role models.</li> <li>Embed diversity into all schemes of work.</li> <li>Choose texts and examples that are non-gendered.</li> </ul>	<ul> <li>During your next lesson</li> <li>Count the number of boys and girls you ask questions to.</li> <li>Use non-gendered language.</li> <li>Provide answering time to both boys and girls.</li> </ul>
<ul> <li>As a subject leader or department</li> <li>Provide literature that does not promote one gender over another.</li> <li>Provide access to role models: male and female.</li> <li>Instil a culture of equity and equality across a department.</li> </ul>	<ul> <li>Across the school</li> <li>Challenge gender stereotyping.</li> <li>Displays should be used to counter gender bias.</li> <li>Challenge sexist language (with children and staff)</li> </ul>



# What are you going to do about it?

In Monday's lesson?

In your next scheme of work?

Across your Key Stage?

Across the school?



# A closing thought... didn't we fix this in the 60s 70s 80s 90 00s?

This is a huge societal issue and cannot be solved by the educational system alone. As teachers we have a responsibility to provide the best opportunities for the young people we teach, regardless of gender. Knowledge (and acceptance) of our unconscious biases and breaking down social stereotypes will help our children realise the full potential that they posses regardless of gender.



### Further reading:

- This presentation thinkphysics.org/pstt2016
- Sadker and Sadker Still Failing at Fairness
- Cordelia Fine Delusions of Gender
- IOP Opening Doors
- Test your unconscious bias <u>https://implicit.harvard.edu/implicit/</u>
- Google's take on unconscious bias https://www.youtube.com/watch?v=NW5s\_-NI3JE

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