



A Talk to Pre-G1 Parents



# Howard Gardner & MI Education

 27 February 2021

 G.T. College, Hong Kong

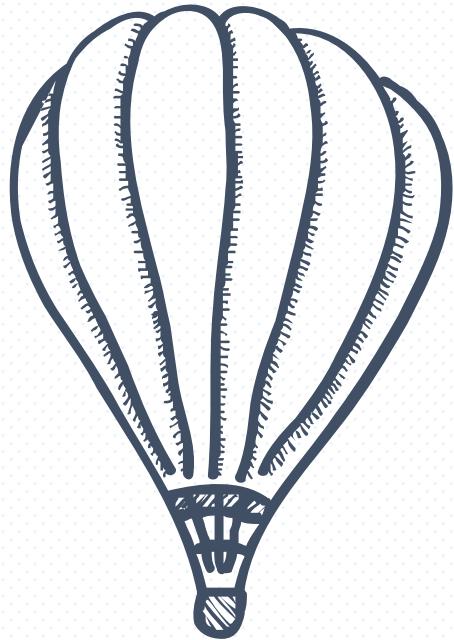
 Prof. Rex Li

 Founder

 Dr. Clara Cheng

 Head of Research and Training

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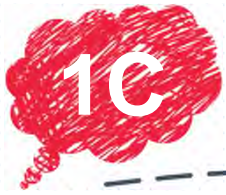
Part 2



Part 1C

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# Gardner's Theory of MI



# Gardner's Theory of MI

Watch a short video on  
**MI theory**

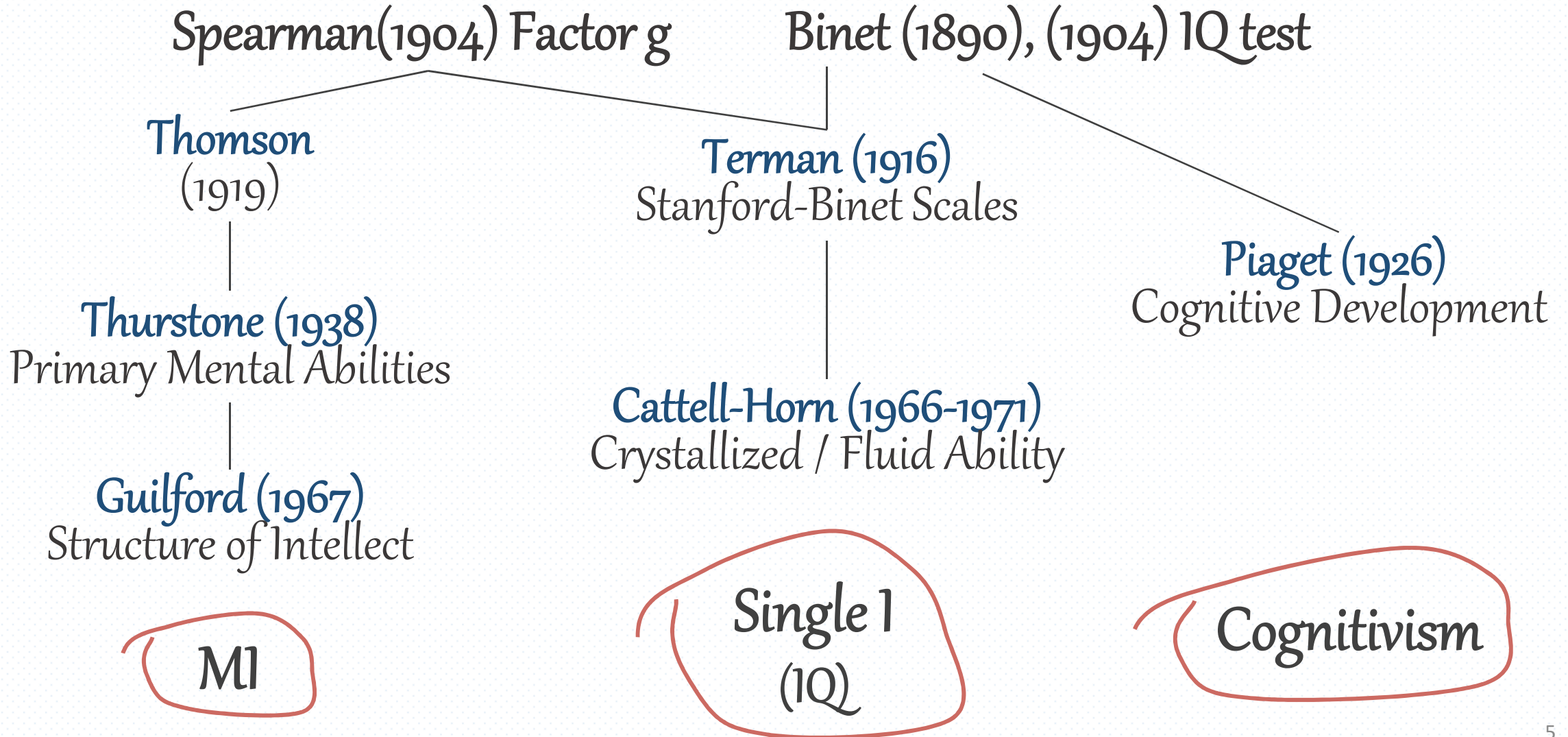
Source: <https://howardgardner.com/2017/01/06/mi-theory-overview-video/>

Insert to next page (0:00-0:47 clipart version of 8 different intelligences)



# Gardner's Theory of MI

MI is not new.  
It has a history.





# Gardner's Theory of MI

Godfrey Thomson (1919)



There are specific abilities.



Overlap of multiple factors give single appearance.



1C

# Gardner's Theory of MI

Louis Thurstone (1938)

Seven Primary Mental Abilities

Verbal  
Comprehension

Word fluency

Spatial  
visualization

Reasoning

Associative  
memory

number

Perceptual speed



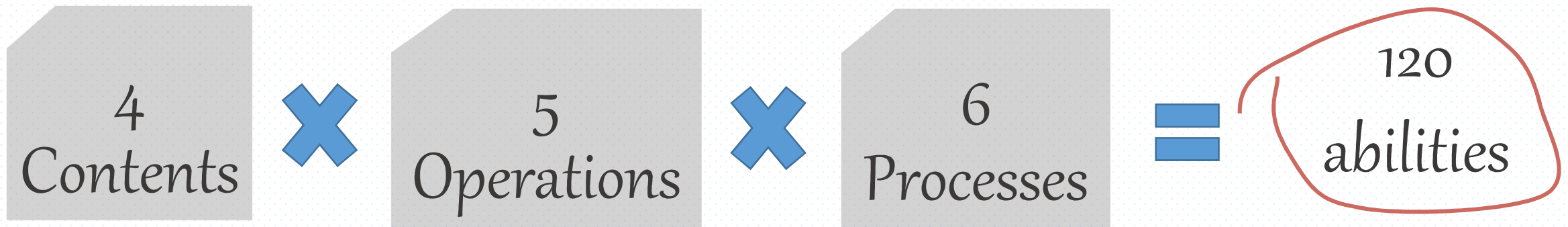
1C

# Gardner's Theory of MI

J.P. Guilford (1967)



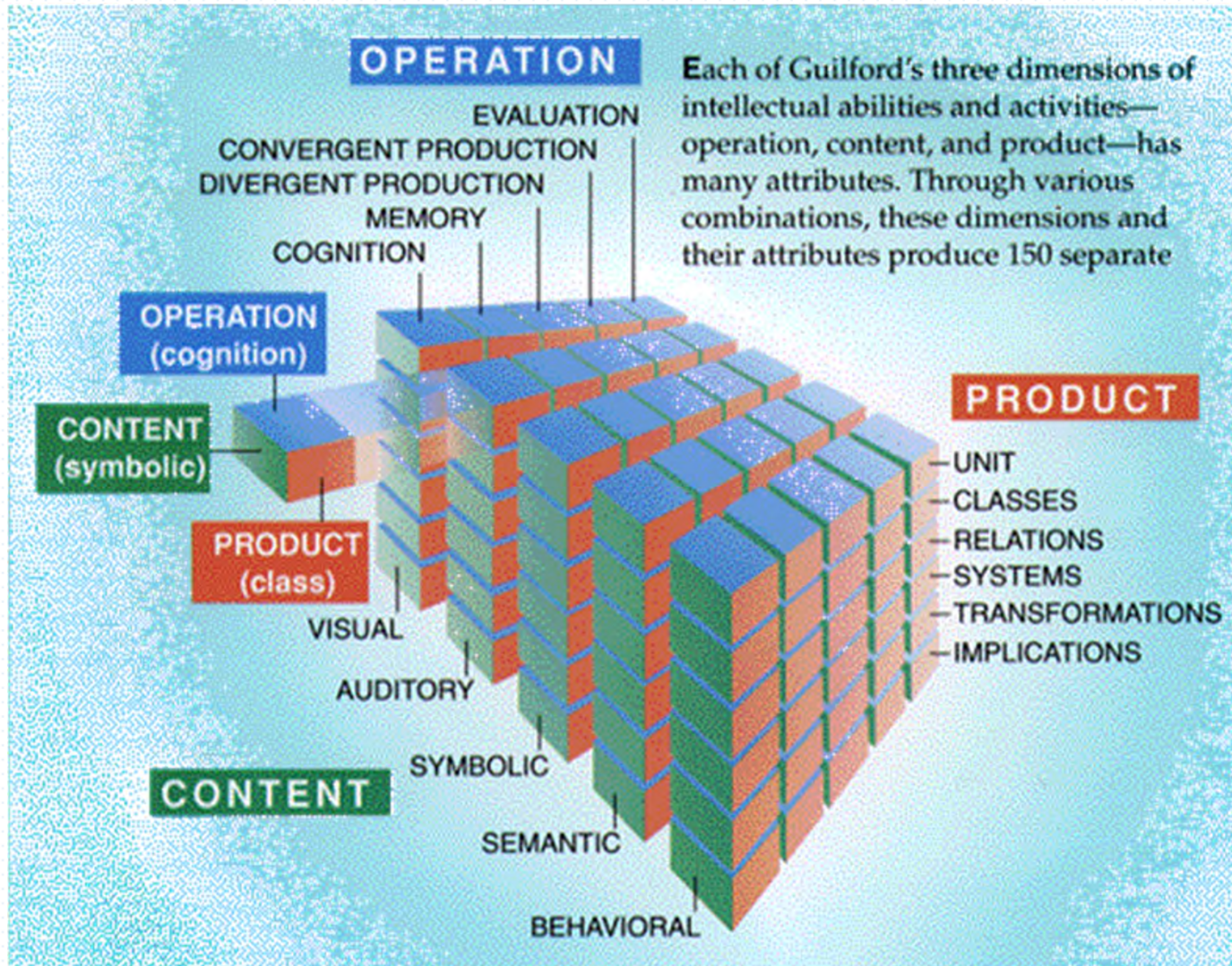
## Structure of Intellect





# 1C

# Gardner's Theory of MI



Structure of Intellect



# Gardner's Theory of MI

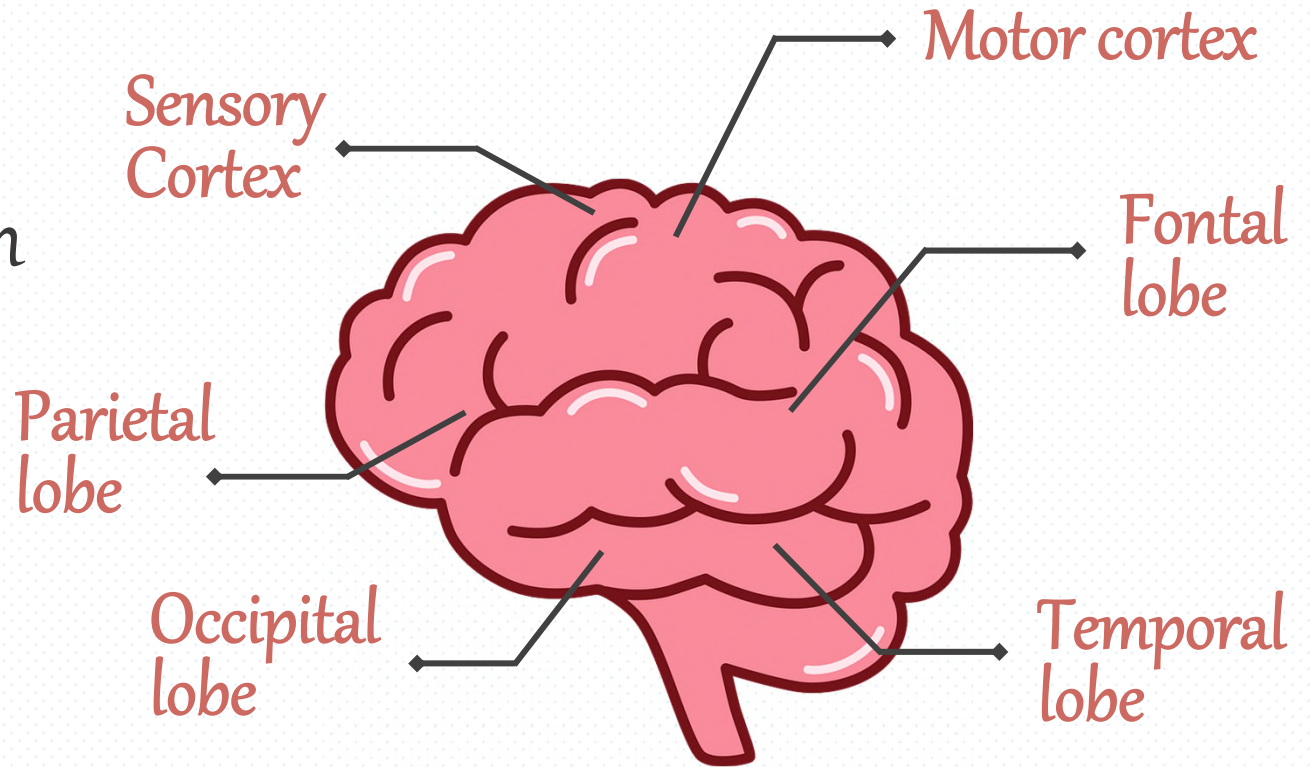
Howard Gardner (1983)



Symbol Systems Approach



Brain Localization





# Gardner's Theory of MI

Number of Intelligences

1904  
Spearman

1938  
Thurstone

1967  
Guilford

1983  
Gardner

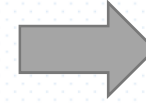
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7



120

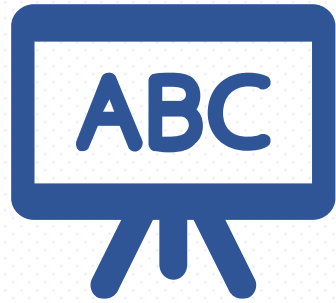


7



Drama Time

*“Learning by doing”*



Drama Time







“MI Map”





Drama Time

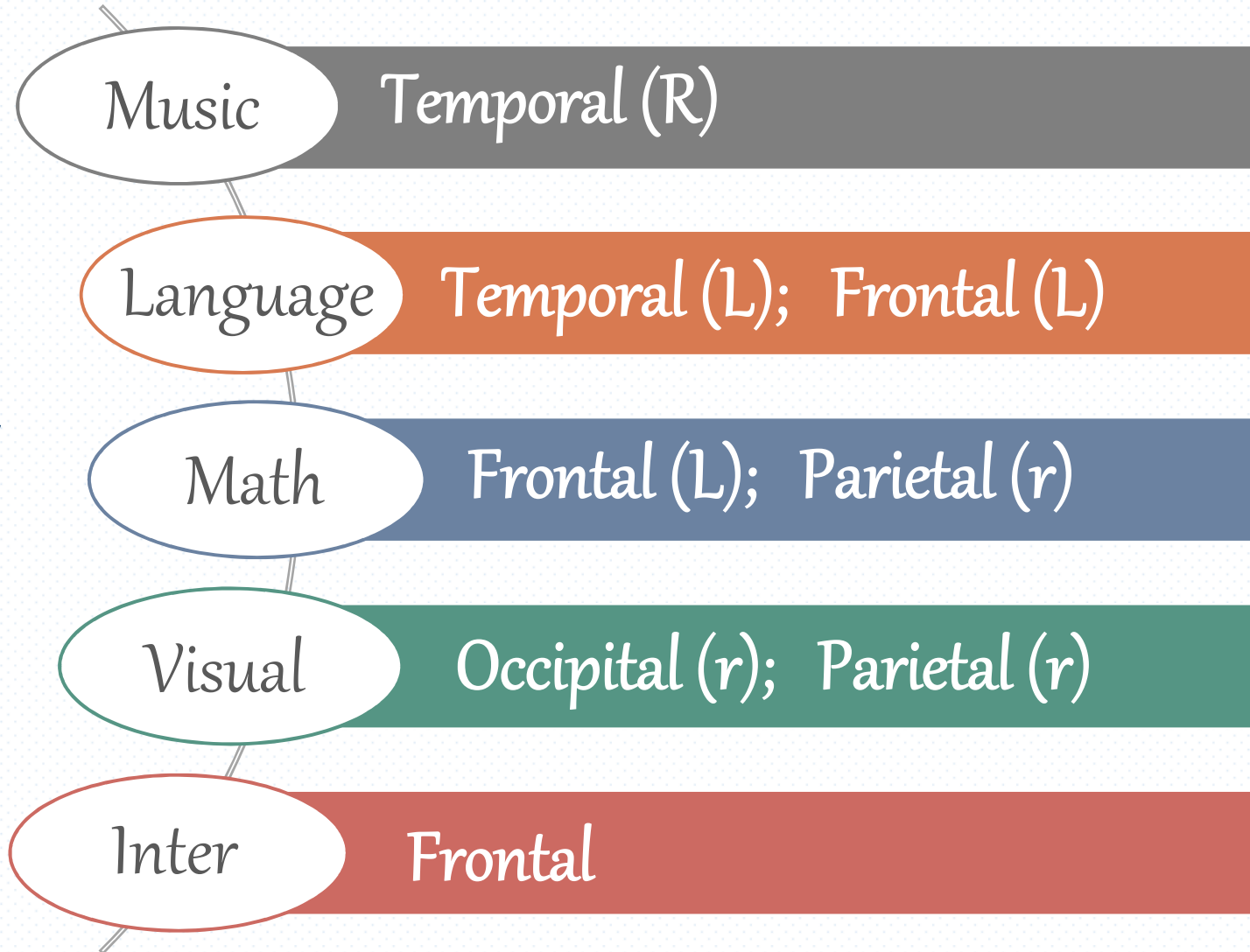
*“MI Buttons”*

 <b>Music</b>	 <b>Body Movement</b>
 <b>Linguistic</b>	 <b>Spatial</b>
 <b>Interpersonal</b>	 <b>Math</b>



# Gardner's Theory of MI

Rough  
Localization of  
Intelligences





# Gardner's Theory of MI

Types of Intelligence	Symbol System	End-state Performance	Pathology	Brain Localization
Linguistic	<ul style="list-style-type: none"><li>• Verbal language</li><li>• Written language</li></ul>	<ul style="list-style-type: none"><li>• Poets</li><li>• Novelists</li><li>• Writers</li></ul>	<ul style="list-style-type: none"><li>• Aphasia</li><li>• Dyslexia</li><li>• Dysphasia</li><li>• Hyperlexia</li></ul>	<ul style="list-style-type: none"><li>• Left hemisphere</li><li>• Broca's area</li></ul>
Musical	<ul style="list-style-type: none"><li>• Pitch</li><li>• Rhythm</li></ul>	<ul style="list-style-type: none"><li>• Musicians</li><li>• Conductors</li><li>• Composers</li></ul>	<ul style="list-style-type: none"><li>• Amusia</li></ul>	<ul style="list-style-type: none"><li>• Right hemisphere</li><li>• Frontal lobe</li><li>• Temporal lobe</li></ul>
Spatial	<ul style="list-style-type: none"><li>• Pictures</li><li>• Visual symbols</li></ul>	<ul style="list-style-type: none"><li>• Artists</li><li>• Painters</li></ul>	<ul style="list-style-type: none"><li>• Turner's syndrome</li><li>• Visual impairment</li></ul>	<ul style="list-style-type: none"><li>• Right hemisphere</li></ul>





# Gardner's Theory of MI

Types of Intelligence	Symbol System	End-state Performance	Pathology	Brain Localization
Bodily	<ul style="list-style-type: none"><li>• Gesture</li><li>• Movement</li></ul>	<ul style="list-style-type: none"><li>• Dancers</li><li>• Gymnastists</li></ul>	<ul style="list-style-type: none"><li>• Apraxia</li></ul>	<ul style="list-style-type: none"><li>• Left hemisphere</li><li>• Motor cortex</li></ul>
Interpersonal	<ul style="list-style-type: none"><li>• Feelings</li><li>• Personality</li></ul>	<ul style="list-style-type: none"><li>• Social leaders</li><li>• Religious leaders</li></ul>	<ul style="list-style-type: none"><li>• Inability to give appropriate feelings</li></ul>	<ul style="list-style-type: none"><li>• Doral (parietal) region</li></ul>
Intrapersonal		<ul style="list-style-type: none"><li>• Sagehood</li><li>• Wise persons</li></ul>	<ul style="list-style-type: none"><li>• Indifference to others' feelings</li></ul>	<ul style="list-style-type: none"><li>• Ventral (temporal) region</li></ul>
Logico-mathematical	<ul style="list-style-type: none"><li>• Number system</li><li>• Abstract system</li></ul>	<ul style="list-style-type: none"><li>• Mathematicians</li><li>• Scientists</li></ul>	<ul style="list-style-type: none"><li>• Gerstmann syndrome</li></ul>	<ul style="list-style-type: none"><li>• Left parietal lobe</li><li>• Left temporal lobe</li><li>• Left occipital lobe</li><li>• Angular gyrus</li></ul>

# Production Team

Staff & IT team

Cathy Yeung

Ivy Ng

Colman Wong

Dennis Tsang

Tang Lee Leung

Teacher team

Meiling Yeung

Leo Tsui

Clara Cheng

Aubrey Wong

Ivy Fung

Vivian Ng



# Casts

Students

1C Kindness Lee

7D Christie Leung

7E Manson Lee

8B Julian Cheung

8D Zhena Tse

Teacher team

Prof. Rex Li

Clara Cheng

