

# The NERUPI Framework and the Pedagogy of Outreach

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# Success in education

In the UK, a small number of schools dominate access to Oxford and Cambridge (often referred to collectively as Oxbridge), with just 8 top schools and colleges in the UK sending as many pupils to Oxbridge as 2,900 others put together

## Elitist Britain

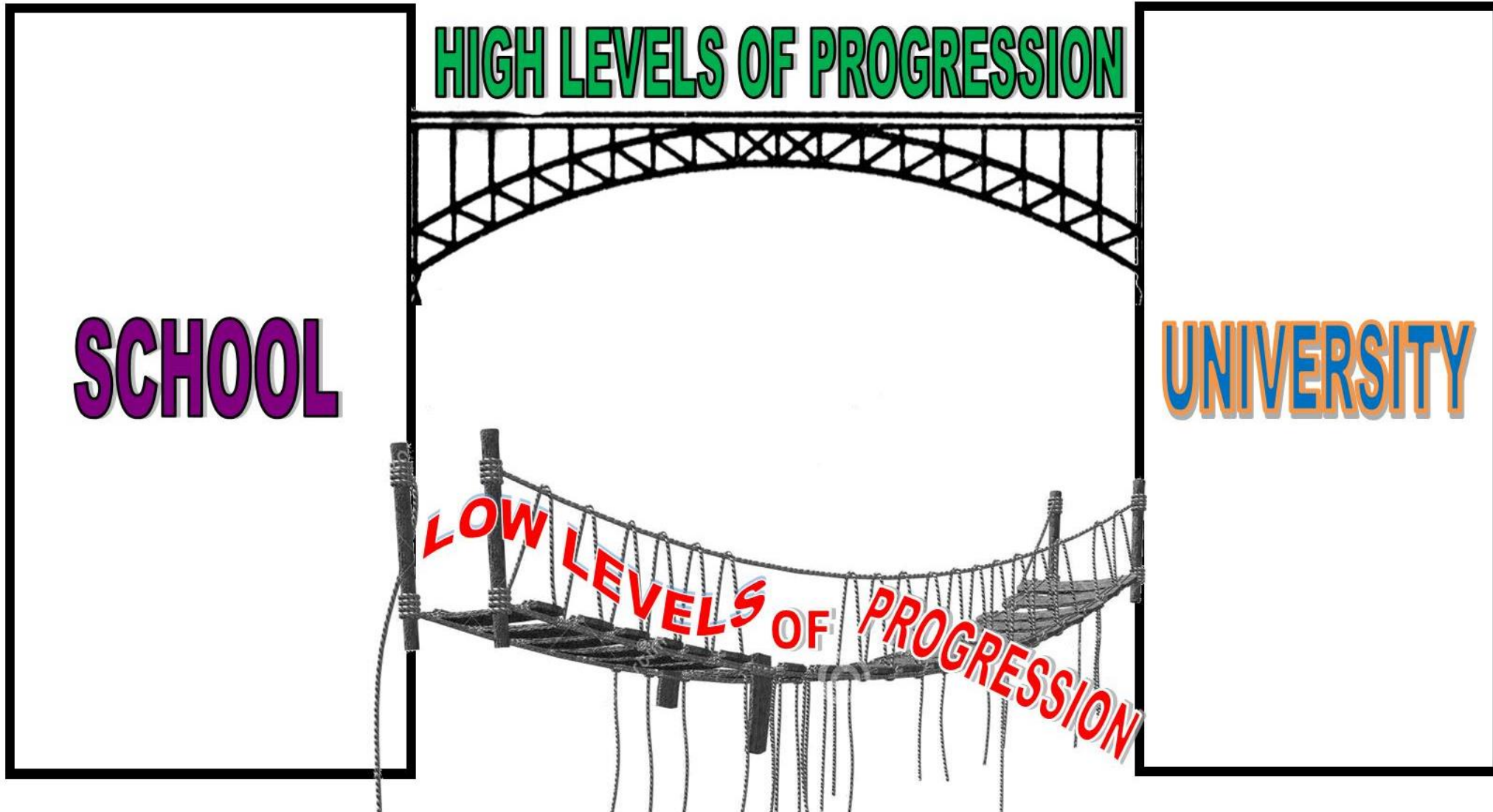
Sutton Trust 2019



*Resource differences  
and collective efforts and investments made  
or not within families become translated into  
individual 'ability'.....  
(Ball 2010, p.162).*

# Higher Education Outreach

**NERUPI** *network*  
Evaluating & Researching University  
Participation Interventions



# Access to Higher Education

**Economic  
capital**

**Cultural capital**  
– what you  
know

**Social capital -  
who you know**

Pierre Bourdieu





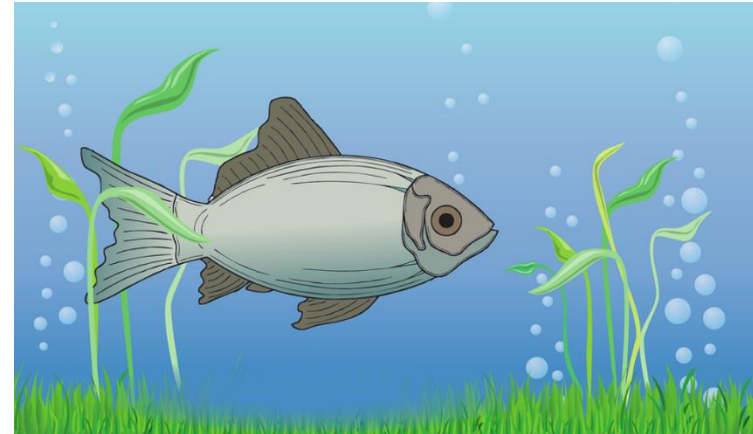
# Field and Habitus

**field**



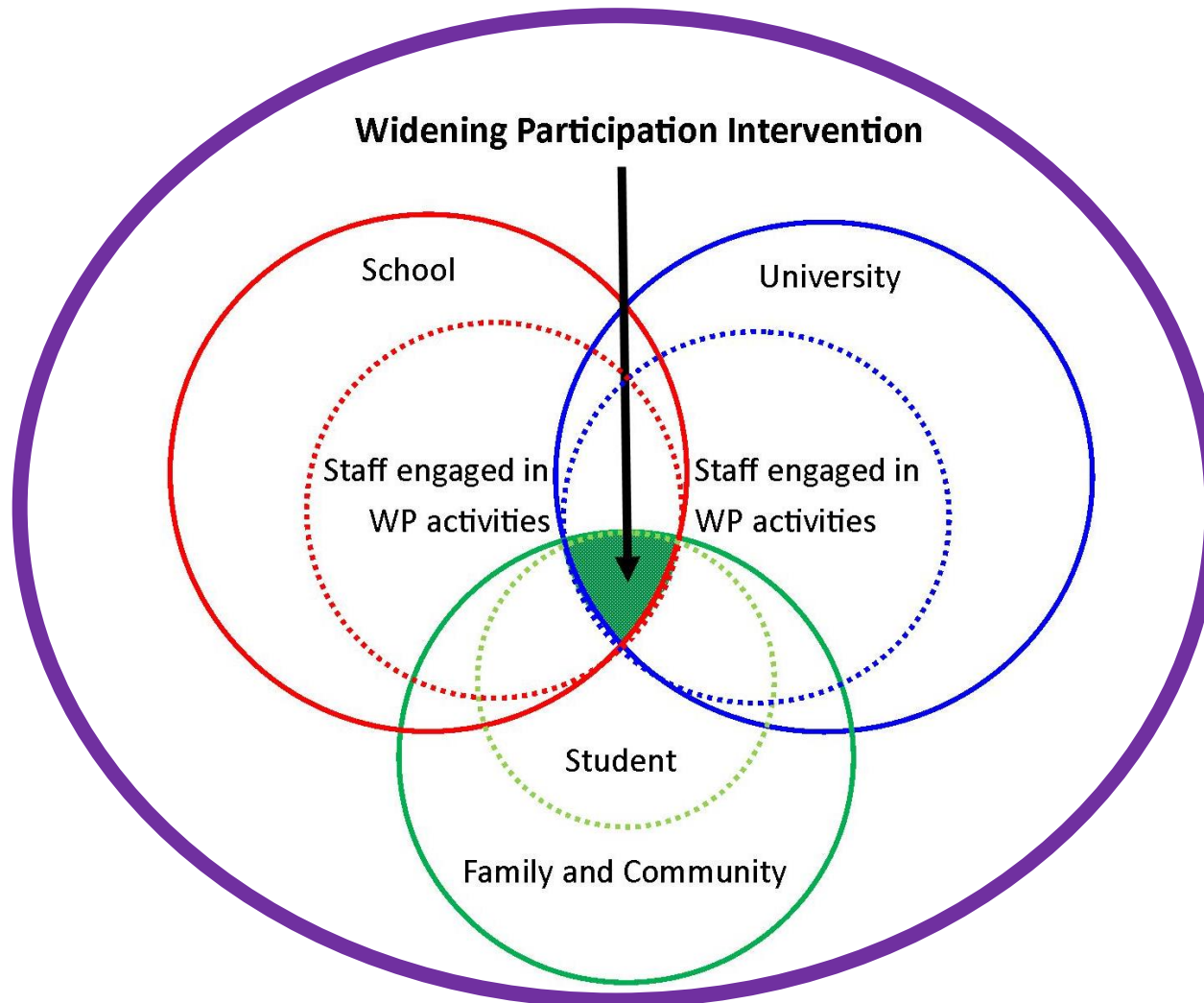
Rules of the game

**fish in water ?**



**habitus**

# The field of HE progression



# The NERUPI Framework

SOCIAL AND ACADEMIC CAPITAL		HABITUS	SKILLS CAPITAL	INTELLECTUAL & SUBJECT CAPITAL
PROGRESSION CURRICULUM		STUDENT IDENTITIES	SKILLS CURRICULUM	KNOWLEDGE CURRICULUM
KNOW	CHOOSE	BECOME	PRACTISE	UNDERSTAND
Develop students' knowledge and awareness of the benefits of higher education	Develop students' capacity to navigate Higher Education sector and make informed choices	Develop students' confidence and resilience to negotiate the challenges of university life	Develop students' study skills and capacity for academic attainment	Develop students' understanding by contextualising subject knowledge



# Key theoretical influences

SRHE Society for Research into Higher Education  
Advancing knowledge. Informing policy. Enhancing practice.

Enhancing the  
Freedom to Flourish  
in Higher Education

PARTICIPATION, EQUALITY AND CAPABILITIES

Talita M. L. Calitz



RESEARCH INTO HIGHER EDUCATION

Critical pedagogies

Freire's notions of 'praxis' &  
knowledge creation

Young and Maton's ideas of  
knowledge

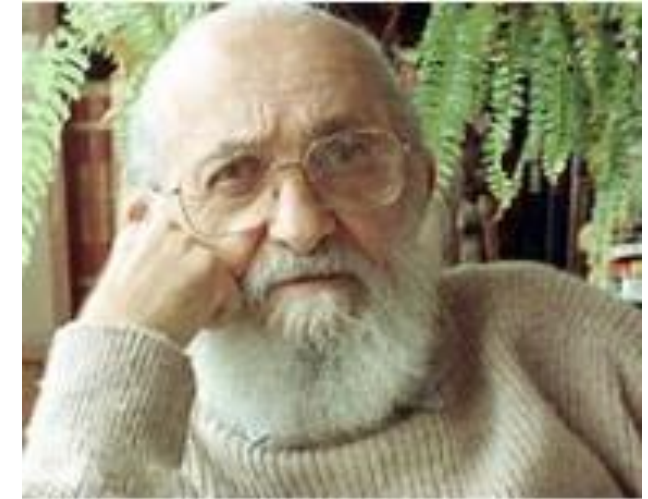
Bourdieu: Capitals, habitus and field

Nancy Fraser social justice

Sen and Walker's concepts of capability

Yosso cultural wealths

Identities and future selves



reflection  
and action directed at  
the structures to be  
transformed

=

**praxis**

*Paulo Freire 1968*



# Curriculum content

## HEIs:

- Control their curriculum
- Engage with students over time
- Students choose their course



## HE Outreach

Outreach staff control the content i.e. the curriculum  
Needs of school, HEI, community and policy context all important  
May only engage with the students once

## Schools and colleges:

Curriculum is bound by examinations like  
GCSE, A Level & BTEC  
Engage with students over time  
Many subjects are compulsory



## Three models of learning

- **Reception** Concerned with quantity, facts and skills; assumes transmission of knowledge from an external source (e.g. teacher). Learning = being taught.
- **Construction** Concerned with the learner's construction of meaning through discussion, discovery, open-ended learning, making connections. Learning = individual sense-making.
- **Co-construction** Concerned with the learner's construction of meaning through interaction and collaboration with others, especially through dialogue. Learning = building knowledge with others.

## Broad theories of knowledge

**Conservatism** – knowledge as timeless, universal and independent of social context.

**Instrumentalism** – it is what we can do with knowledge that matters

**Constructivism** – knowledge as socially constructed and reflecting power struggles over what counts as legitimate knowledge.

**Social realism** – knowledge as socially constructed and fallible but with an objective structure

Paul Ashwin, NERUPI Event 14 November 2019

<http://www.nerupi.co.uk/events/knowledge-learning-and-attainment>

# Pedagogy for Equity

Pedagogy... is deeply connected to relations of power where the professor has historically been positioned as the expert knower

Burke et al 2017, p 41



An ethical and anti-racist framework for access and equity in higher education requires universities to provide the resources and opportunities for students from under-represented backgrounds to develop their understanding of ways of writing, reading, speaking and learning that will facilitate their access to privileged forms of being and knowing

Burke



Take a few  
minutes to  
think about an  
outreach event  
that you think  
went well

<b>Enable students to:</b>	NERUPI Framework sees it as the HEIs role to facilitate students to: <ul style="list-style-type: none"><li>- support the transformative learning process</li><li>- encourage reflexivity within the HEI</li></ul>
<b>Engage Discover Identify Navigate</b>	Active learning terms are used to: <ul style="list-style-type: none"><li>- encourage critical pedagogies</li><li>- develop student agency</li><li>- embed these within the success measures</li></ul>



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# Residential Summer School: attainment-raising



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# Aim 1 Level 3: Objective & learning outcome

<p>Aim 1</p> <p><b>KNOW</b></p>	<p>Develop students' knowledge and awareness of the benefits of higher education and graduate employment</p>		
<p>Level 3 (age 16–18)</p> 	<p><b>Top-level objective</b></p>	<p><b>Enable students to:</b></p>	<p><b>Investigate course &amp; placement options, and social &amp; leisure opportunities in higher education</b></p>
	<p>Objectives or learning outcomes</p>		<p>Discover course and placement opportunities in higher education</p>
			<p>Find out about research areas, expertise and facilities in higher and new areas of development</p>
			<p>Explore social and leisure, and extra-curricular opportunities in higher education</p>
			<p>Discover career benefits of higher education and the employment opportunities for graduates.</p>
			<p>Find out about academic and information services, facilities and resources</p>

## TOP LEVEL OBJECTIVE

Develop students' understanding by contextualising subject knowledge and supporting attainment raising

### SPECIFIC OBJECTIVE OR LEARNING OUTCOME

Discover course and placement opportunities in higher education



**What does this mean?**

**How would we create the environment to enable this? (activity)**

**How would we know if we had been successful? (evaluation)**

## Aim 5 Level 3: Objective & learning outcome

<b>Aim 5</b>	<b>Develop students' understanding by contextualising subject knowledge and supporting attainment raising</b>	
<b>Level 3 (age 14–16)</b>	<b>Top-level objective</b>	<b>Situate existing knowledge within wider fields of knowledge and apply to other contexts</b>
	Objectives or learning outcomes	Extend awareness of the wider applications of knowledge
		Locate existing knowledge within wider fields of knowledge and other contexts
		Enhance understanding through collaborative projects, which extend knowledge and challenge assumptions



## **TOP LEVEL OBJECTIVE**

**Investigate course & placement options, and social & leisure opportunities in higher education**

### **SPECIFIC OBJECTIVE OR LEARNING OUTCOME**

Enhance understanding through collaborative projects, which extend knowledge and challenge assumptions



**What does this mean?**

**How would we create the environment to enable this?  
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**How would we know if we had been successful?  
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# References & further reading

Paul Ashwin, NERUPI Event 14 November 2019

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Burke, P; Crozier, G; and Misiasek, L; (2017) 'Changing Pedagogical Spaces in Higher Education: Diversity, Inequality and Misrecognition' London SRHE, Oxon Routledge

Moore, A (2000) 'Teaching and Learning: Pedagogy, curriculum and culture' Oxon, Routledge

Burke, P (2018) *Trans/Forming Pedagogical Spaces: Race, Belonging and Recognition in Higher Education* in Arday, J and Mirza, H. 'Dismantling Race in Higher Education Racism, Whiteness and Decolonising the Academy', Palgrave Macmillan

Watkins, C; Carnell, E and Lodge, C (2007) *Effective learning in Classrooms* Paul Chapman, London, Sage

Whitty, G., Hayton, A. and Tang, S. (2015) 'Who you know, what you know and knowing the ropes: A review of evidence about access to higher education institutions in England'. *Review of Education*, 3 (1), 27–67.