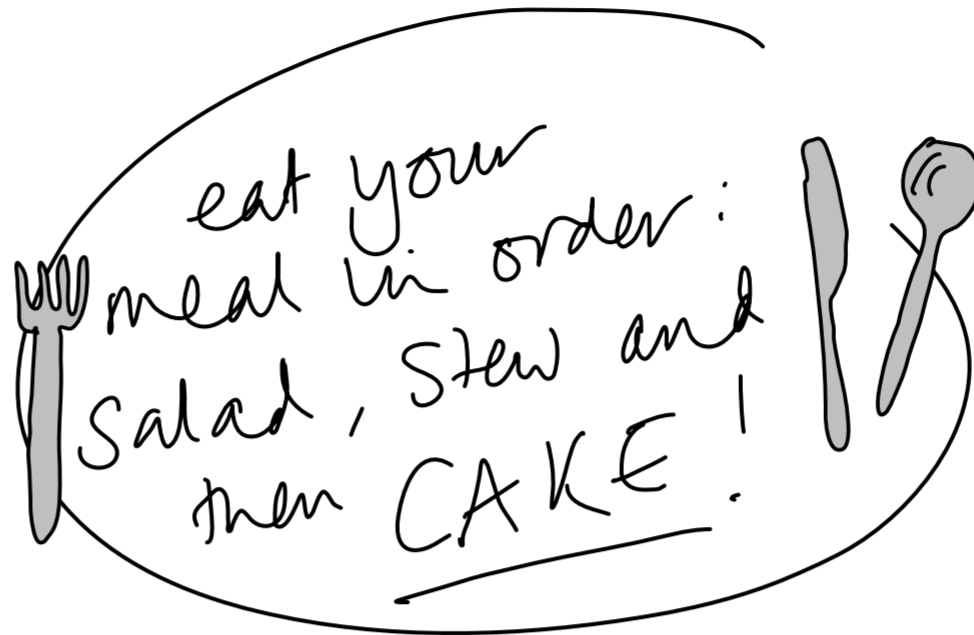


I Can Make It Tasty

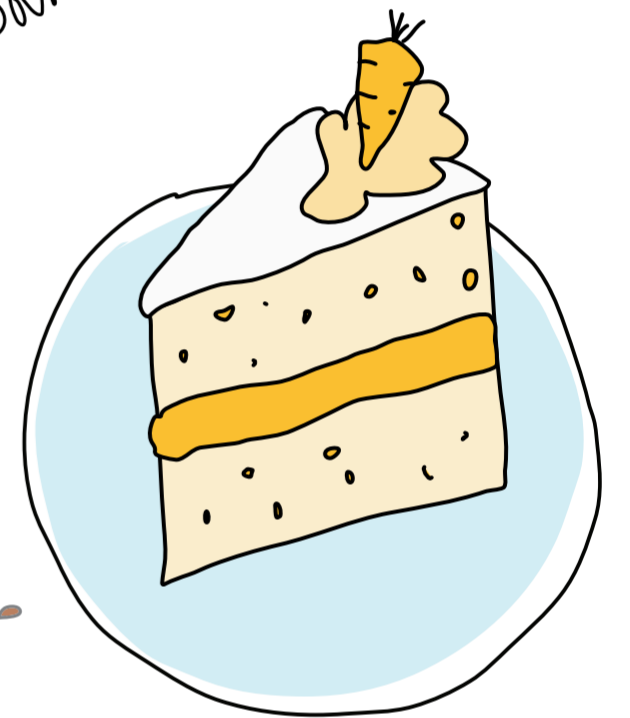


Intra- / Cross- / Multi- / Inter- / Trans- Fusion cooking with disciplines!

Complex problems require us to look outside disciplinary boundaries in order to shape new modes of knowledge production. These developing models of collective and collaborative working have gained a range of words to describe them. Though these continue to evolve and different bodies of literature may employ them with subtle variations, there is a general coalescence around some terms that articulate these different levels of 'fusion' as a continuum of increasing integration. Cooking - making raw ingredients increasingly 'tasty' - can be a useful way of understanding the different degrees of blending and mixing, and the mnemonic I Can Make It Tasty describes this progression: **Intradisciplinary / Crossdisciplinary / Multidisciplinary / Interdisciplinary / Transdisciplinary:**

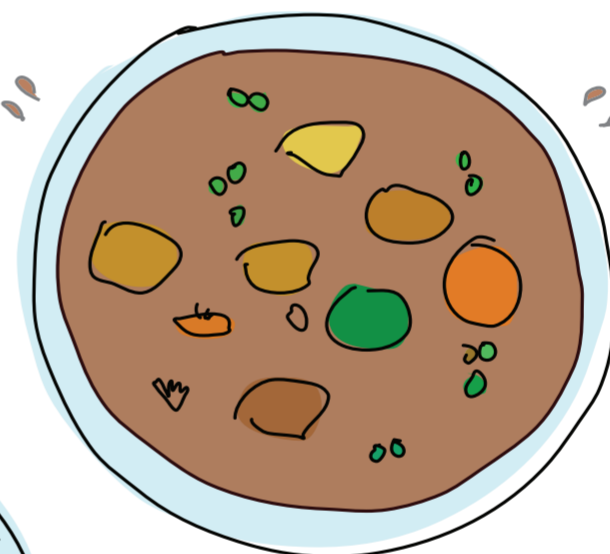


discipline boundaries transcended



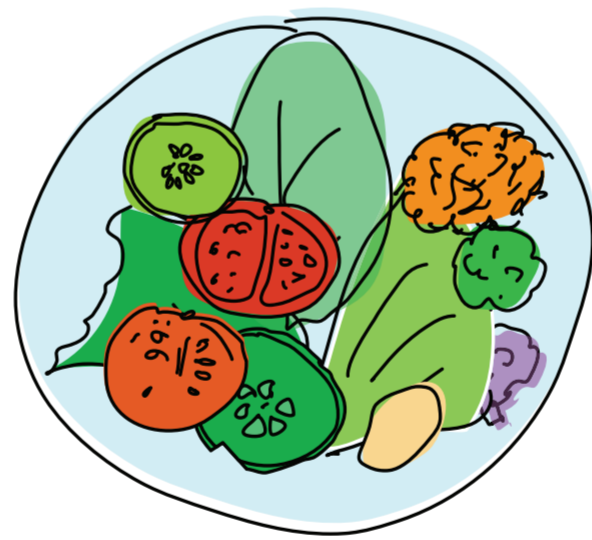
Transdisciplinary

Transdisciplinary working produces a new, novel form or way of working beyond the original disciplinary boundaries. It's like a cake: you can no longer see the form of the ingredients as they have taken on a different shape and flavour.



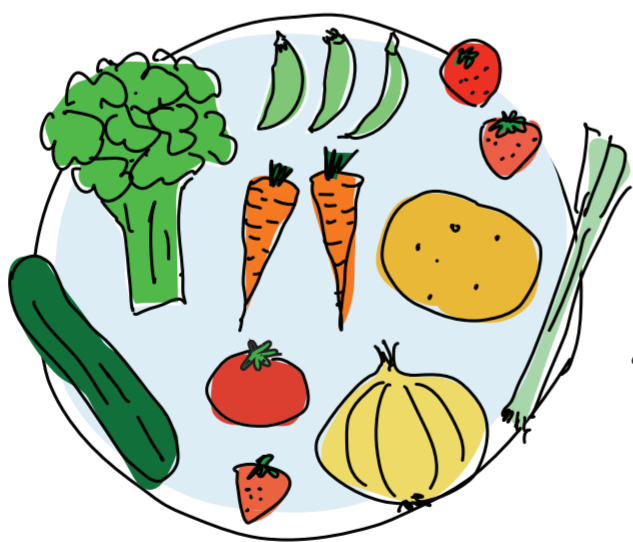
Interdisciplinary

Interdisciplinary working starts to take a new form, integrating knowledge and methods from different disciplines and synthesising into a new whole. It's like a stew: the original ingredients are still partly distinguishable, but the overall is a blended pot of mixed flavours...



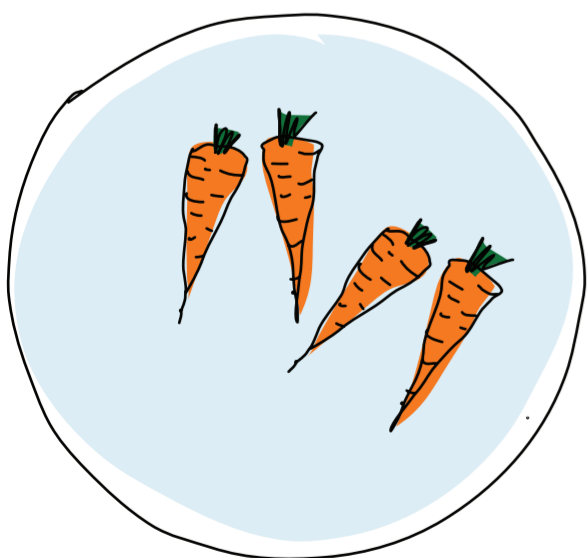
Multidisciplinary

Multidisciplinary working brings disciplines together so they can learn from each other, drawing on the mix of disciplinary knowledge. It's like a salad: the original ingredients are intact, but the flavours begin to blend...



Cross disciplinary

Crossdisciplinary working views one discipline from the frame of reference of another. It's like lots of different ingredients on a plate, but without chopping them up and mixing them...

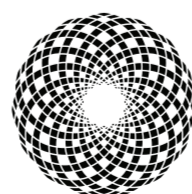


Intradisciplinary

Intradisciplinary working is within one discipline. Like a single ingredient, clearly distinguishable...

More Tasty!

discipline boundaries not challenged



Te Pūnaha Matatini
Complexity is at our heart

a huge thank you to
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Stember, M. (1991). Advancing the social sciences through the interdisciplinary enterprise. *The Social Science Journal*, 28(1), 1-14. [https://doi.org/10.1016/0362-3319\(91\)90040-B](https://doi.org/10.1016/0362-3319(91)90040-B)
Choi, B. C. K., & Pak, A. W. P. (2006). Multidisciplinary, interdisciplinarity and transdisciplinarity in health research, services, education and policy: 1. Definitions, objectives, and evidence of effectiveness. *Clinical & Investigative Medicine*, 29(6), 351-364.
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