## Bingo boosts:

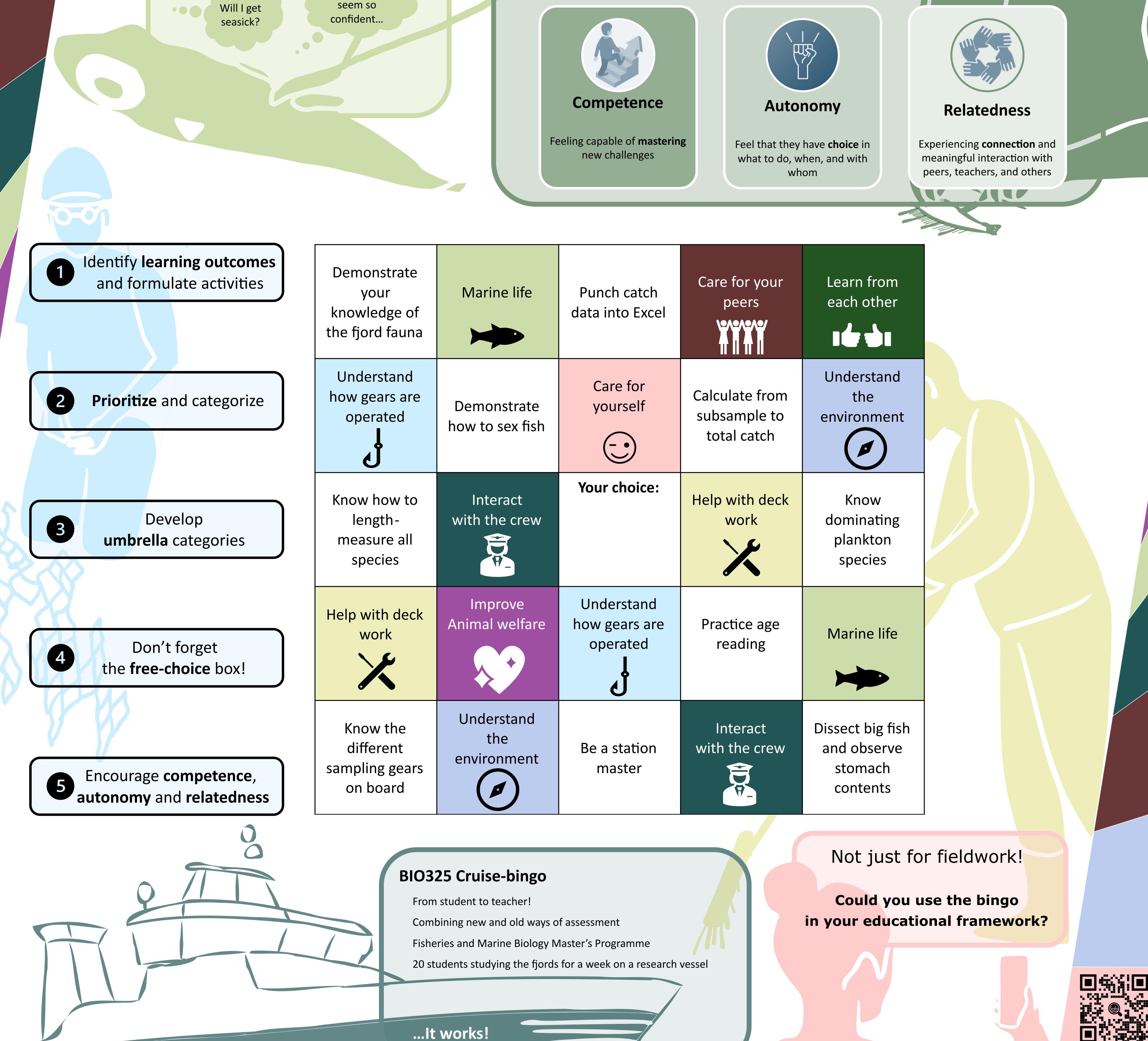
## Enhancing fieldwork engagement through playful learning

Francesco Saltalamacchia, Taraneh Westergerling, Mirjam S. Glessmer, Linda Latuta, Kjersti Daae

Not all students take advantage of all opportunities within the scope of the fieldwork I cannot walk as fast as the I don't know others? how to dress... **Everyone else** 

The educational effectiveness of fieldwork depends on the fieldwork's quality and the students' familiarity with the fieldwork setting (Orion & Hofstein, 1994).

The **fieldwork bingo** addresses three components of self-determination theory supporting intrinsic motivation (Deci and Ryan, 2000).



Deci, E.L., and R.M. Ryan. 2000. The "what" and "why" of goal pursuits: Human needs and the self -determination of behavior. Psychological Inquiry 11(4):227-268, https://doi.org/10.1207/S15327965PLI1104\_01.

Glessmer, M.S., L. Latuta, F. Saltalamacchia, and K. Daae. 2023. Activity bingo: Nudging students to make the most out of fieldwork. Oceanography 36(2–3):225-228, <u>https://doi.org/10.5670/oceanog.2023.217</u>.

Orion, N., and A. Hofstein. 1994. Factors that influence learning during a scientific field trip in a natural environment. Journal of Research in Science Teaching 31(10):1,097–1,119, https://doi.org/10.1002/tea.3660311005.



