Suggested STICE Activities for the classroom

(not an exhaustive list...)

SSN STICE Symposium







To celebrate the

Periodic Table in 2019

to sustainability.

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- SDG Resources for Educators – UNESCO
- teachSDGs.org
- Worldslargestlesson. globalgoals.org (UNICEF)
- sdgs.org.au
 - Search for Australian examples



Context: Ocean acidificationContext:Ocean acidificationContent:covalent bonding
Lewis structure
formal charges
equilibrium
pH
solubility of CaCO3Diubility of CaCO3Counter to the transfer
of the transfer
dynamic processes

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(Mahaffy, 2019)

Systems thinking / socio-scientific literacy

Pre-activity

Consider the context of the use of fertilisers in the local farmland community in this assignment.

- Which SDGs do you think relate to this community (you'll be surprised how many ⁽²⁾)
- For each of the SDGs you identify, is the farming practice...
- Contributing positively towards that SDG (intended consequence)?
 - Or... contributing negatively towards that SDGs (unintended consequence)?
- Using arrows, draw a systems map, to show how these intended and unintended consequences are *interconnected*. Use the example below to start...





















