

# Compass Education Level 2: Educator

## Applying Systems Thinking for Sustainable School Transformation

It's important to take the next step and turn your learning and thinking into action for sustainability!

Considering all that we learned, use this template to plan for how you will take action for sustainable transformation. Your action plan should include:

- The Sustainable Development Goal you want to address within your own context
- A clearly articulated goal that you want to achieve within a given timeframe
- How you have applied systems thinking tools to create action plan
  - Compass, VISIS Pyramid, Iceberg, Behavior Over Time Graphs, Causal Loop Diagramming, Ladder of Inference
- A timeline detailing how you will achieve your goal

Please submit your action plan to your level 2 trainer who will provide you with some feedback. This will qualify you for Level 2 certification and prepare you to become a facilitator in training!

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Action plan to:

**Work with HS students (Grade 10) to Create an eBook of Critical Challenges that address a range of SDGs in local issues faced by a community of Indonesian fishermen and their families.**

This project will formalise the action plan for a sustainable solution to an issue that each small group (approx. 5 students) identifies following an initial trip to the Island of Bintan. Following this initial trip, students will work use a range of tools including Causal loop diagramming and Compass to understand the issue in a wider context and to identify links between the different groups projects. Students also carry out SWAT analysis and use the iceberg model in order to dig deeper into the challenges faced by this community of former sea dwelling fishermen(Orang Laut).

Challenge projects will include:

- Children's Education in the village
- Sustainable farming as an alternative to fishing – the 'Learning farm'
- Local enterprise and marketing (newspaper hand rolled products)

In the classroom I will teach these tools so the students can use them and document their process in a chapter of an e book, that, when completed will result in a 6-7 interactive chapter eBook of sustainable development that can be subsequently used by future groups of students to continue the process if the current projects are not completed. The iBook chapter for each group will include how they used a range of systems tools, interactive photo galleries highlighting their work, an iMovie of the process and action plan implementation, a Loopy system with student screen recording and voiceover to explain the potential impact of their action plan.

Students will work in their small groups to divide the many tasks between themselves under my supervision and support (one lesson per week) over a course of 8 -10 weeks to complete this work. First draft due for proofing an the first week of April. Book to be finalised by end of April.