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**Erasmus+, Macroalgae Initium
IO3.2: Seaweeds and climate change**

List of materials

Note: Most of the following materials can be found around the home and classroom.

Materials	Description (materials and use)
	<p>A red cabbage cut into pieces.</p> <ul style="list-style-type: none">• Red cabbage contains a pigment molecule called flavin (an anthocyanin).• After being chopped and boiled, the liquid will work as the PH indicator.
	<p>Jars, containers</p> <ul style="list-style-type: none">• In each jar to add a different product or testing solution for PH (e.g. Baking soda)



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Pipettes

- Pipettes will be used to pour the cabbage solution into each of the testing solutions.
- If pipettes are not available, a pouring jar can be used instead.





Baking soda

- To fill one jar with baking soda, this is a basic solution



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	<p>Vinegar</p> <ul style="list-style-type: none">• To fill one jar with vinegar, this is an acidic solution
	<p>Water</p> <ul style="list-style-type: none">• To fill one jar with water, this is the control or neutral solution