**THE 5 E Format (BSCS Science: An Inquiry Approach)**

<http://www.bscs.org/bscs-5e-instructional-model>

* Engagement – students’ prior knowledge accessed and interest engaged in the phenomenon.
* Exploration – students participate in an activity that facilitates conceptual change.
* Explanation – students generate an explanation of the phenomenon.
* Elaboration – students' understanding of the phenomenon challenged and deepened through new experiences.
* Evaluation – students assess their understanding of the phenomenon.

**ENGAGE**

Introduction to Networks Cell Phone Activity

Lesson 1 Article Readings and development of case

study, class concept map

Pretest

**EXPLORE**

Lesson 2 CO2 Laboratory Investigations

pH Laboratory Investigations

Lesson 4 & 5 Experimental Design and Investigations of

Environmental Changes on Living Systems

**EXPLAIN**

Lesson 3 & 5 Carbon - Ocean Cycle

Computer Simulations

Marine Food Webs

**ELABORATE**

Lesson 6 Mock Summit of Stakeholders

**EVALUATE**

Lesson 6Mock Summit of Stakeholders, write to official

Post Test

**(Evaluate/Extension)** Building a Systems Network of Ocean Acidification