

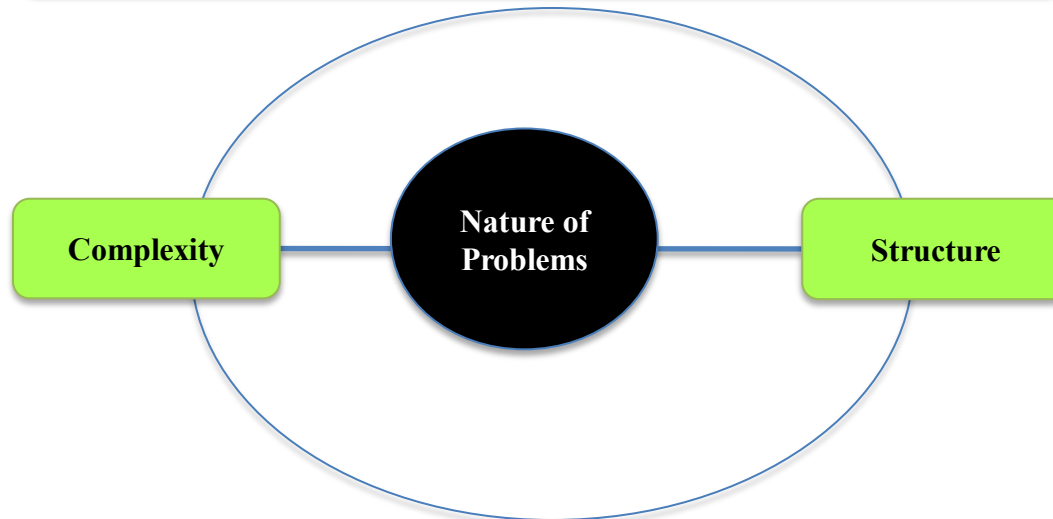
The Nature of Problems



Didactic Suggestions (1)

These are only suggestions, any group of learners is free to experiment with the use of the micro-module. The types, number and order of use of the elements in the micro-module are open to choice. Depending on the learning strategy adopted, elements can be also eliminated or added. For this purpose, the micro-modules can be copied and modified.

The Nature of Problems is defined by two major characteristics: Complexity (from simple to complex) and Structure (from well-structured to ill-structured)



Go to the micro-module “Nature of Problems – Complexity” to deal with Complexity (from simple to complex) of problems. Go to the micro-module “Nature of Problems – Structure” to deal with Structure (from well-structured to ill-structured) in problems

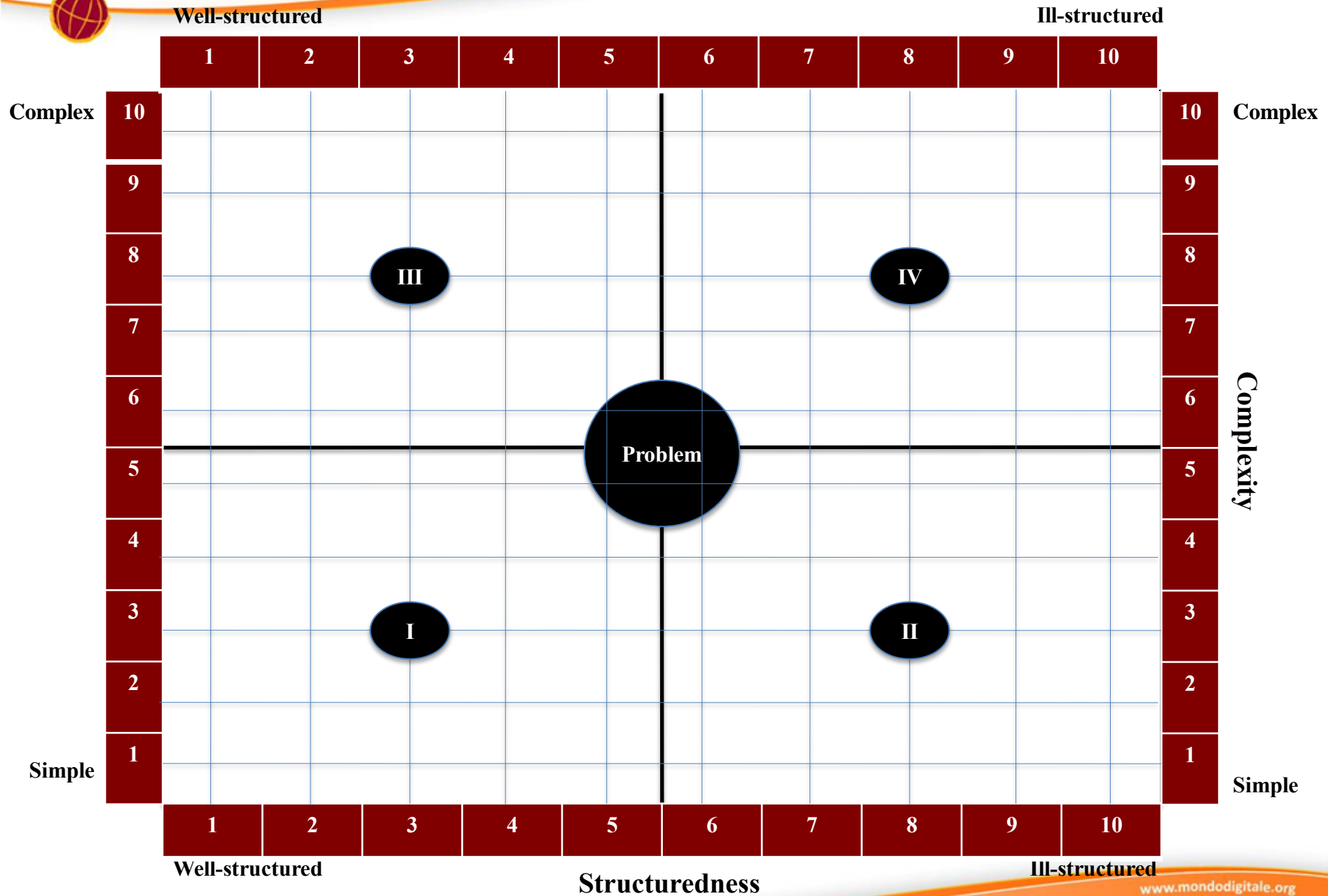
Didactic Suggestions (2)

Once the activities for the understanding of both **complexity** and **structure** in the “Nature of Problems are completed, it is possible to use the **“Instrument to Assess the Full Nature of a Problem – Complexity and Structure”** provided next in this micro-module. Having completed their complexity and structure assessments of their selected problems, each of the groups can position their assessment in the corresponding quadrants provided by the tool.

Nature of Problems

**Instrument to Assess the Full Nature of a Problem –
Complexity and Structure**

Characteristics of Problems



Brief Questionnaire

How do you rate the usefulness of the following elements for your learning?					
	Very Low	Low	Moderate	High	Very High
Definition					
Wisdom					
Fun					
Poetry					
Assessment Instrument					

What other elements would you like to see in the micro-module?

Acknowledgements

Developed by
Alfonso Molina

Sources

Various works by David Jonassen

Various Quotation Websites

Various Poetry Websites

Various websites with images relating to the concept of Problem