

Didactic Units	Required in advance	Contents	Abilities	Competences
<b>Module A: Chemical and Physical systems (75 h*)</b>				
<b>Structure and properties of matter</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Physical and chemical transformations</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Force and motion</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Energy transformation</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Energy matter interaction</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----

Didactic Units	Required in advance	Contents	Abilities	Competences
<b>Module B: Living organisms (45 h*)</b>				
<b>Cell</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Human body</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Animal and plant life</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Biosphere</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Ecosystems</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----

## Module C: Earth Science

<b>Structure and energy of the earth</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Earth modifications</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Earth history</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----
<b>Earth in the space</b>	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----

## Module D: Technological systems

<b>Role of the technology</b>				
<b>Science versus technology</b>				
<b>Key idea and concept</b>				