



IO7 – MOOC for Teachers

Self-directed Learning Resource 8

Topic:	Digital Content Creation
Title:	To Binary School
Time:	Estimated time 2 hours to read through and take note
Type of Resource:	Lesson Plan
Content of the Resource	<p>Through the “learning by doing” technique, students will be guided along a path of acquisition of digital skills. They will start from preliminary notions of the binary code and digital knowledge, and from unplugged activity and visual planning. The aim is the creation of a digital game.</p> <p>After the course, students will be able to:</p> <ul style="list-style-type: none"> • manage a digital device to solve a concrete problem; • abstract and synthesize complex concepts to make them more understandable; • organize thought in a way that can be understood by the computer; • understand algorithms and how they are expressed by using the programming language; • understand how simple programs work and correct any operating errors; • create stories based on mathematical concepts (divulgation); • design, write and implement digital contents according to the given indications.
Link to resource:	