



Project ICAROS Report Code	FR-STEX-2018-FEV-01
Title	ICAROS QUADCOPTER PRODUCTION
Start/End Date	10-SEPT-2017/ 01-FEV-2018
Coordinator name and email	Marc Garrigou – marc.garrigou@ac-toulouse.fr
Name of teachers	Alexandre CATALA – alexandre.catala@ac-toulouse.fr
Number and age of students	30 students / 16-18 years old
Description of activities	<p><i>During this long activity the main goal was to design and build a new ICAROS II drone.</i></p> <p><i>This new model will have to be improved compared to the first one, Icaros I</i></p> <p><i>The students had to do different activities:</i></p> <ul style="list-style-type: none"><i>-Design new drone parts on computer (solidworks)</i><i>-Machine the new parts (milling machine, drilling machine....)</i><i>-Assemble of the different parts</i><i>-Test flight</i>
Learning outcomes	<p><i>Showing creativity</i></p> <p><i>Using 3d conception tools and computer</i></p> <p><i>Developping communication skills</i></p> <p><i>Using different tools in the workshop to build the Icaros II</i></p> <p><i>Preparing their own presentation before going to a primary school.</i></p>
Photos or other relevant material	



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