

Learning Situation:
THE MUSICAL INSTRUMENT
Development of competencies 1-2-3 in science and technology

Student's name: _____

EVALUATION CRITERIA	A	B	C	D
DC1 : Adequate description of the problem from a scientific or technological point of view				
In his own words, the student suggests a preliminary explanation based on the initial question "How do we obtain low or high sounds?" (p.1)				
The student uses his previous knowledge to supply a first argument in an attempt to detail his preliminary explanation. (p. 1)				
DC1 : Use of a process appropriate to the nature of the problem				
The student is conscious of the constraints related to the task (time, materials) (p.1)				
The student describes his two experiments in a logical order and records his results. (p. 2)				
DC1 : Elaboration of pertinent explanations or realistic solutions				
The student bases himself on the results of his 2 experiments to confirm or disprove his hypothesis (preliminary explanation). (p.2)				
DC2 : Appropriate use of instruments, tools or techniques				
The student uses the tools put at his disposal safely. (Observations and observation schedule p.6 of the student booklet)				
The student uses the gauges adequately to make his sanza. (Observation of the final product)				
DC2 : Design and fabrication of instruments, tools and models				
The student makes a sanza while respecting the stages of fabrication. (Observation of final product and observation schedule p.6 of student booklet)				
The student makes a sanza that is functional and presents good fabrication quality (Observation of final product and observation schedule p.6 of student booklet)				
DC3 : Correct transmission of information of a scientific or technological nature				
The student correctly represents the top and sides views of his sanza (p.3)				
The student uses representative words to qualify the sound. (Whole document)				
Comments:				

A= Excellent **B**=Very good **C**= Satisfactory **D**= Not very satisfactory