



a.s.b.l.
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IMPRESSE 2 - Rennes

IMPRESSE : IMPROving Education in School Science in Europe



BELGIQUE

Pupils' experimental activities

		Official aspects	Practical aspects	
Fundamental school	2,5 years to 11 years	« éveil scientifique » : children develop competences to observe and experiment through natural surround situations	<ul style="list-style-type: none"> About 20 to 30 children in a class No timing Primary school teachers did not learn enough science Classrooms not equipped sufficiently, organisation of activities is difficult 	
General secondary school	1st degree (12 to 14 years)	public 3 h/wk physics, chemistry, biology including experimental activities + 1 to 4 h/wk optional experimental activities	<ul style="list-style-type: none"> 20 to 25 pupils / class in many schools, no specific classroom optional formation is not organised in every school the same teacher for the three sciences 	
		Confessional 3 h/wk		
	2 ^d degree (14 to 16 years)	public 9 ^e : A = 5 h/wk (2phy, 2bio, 1chem) B = 3 h/wk (1phy, 1bio, 1chem) 10 ^e : A = 5 h/wk (2phy, 1bio, 2chem) B = 3 h/wk (1phy, 1bio, 1chem) + 1 or 2 h/wk laboratory for A-course		<ul style="list-style-type: none"> optional lab formation is not organised in every school 20 to 30 pupils / class in many schools, no specific classroom
		confessional Sciences 3 h/wk or Science 5 h/wk		<ul style="list-style-type: none"> One teacher for the three sciences Every science represent 1/3 of the course No optional lab formation 20 to 30 pupils / class no specific classroom
3 ^d degree (16 to 18 years)	public 1 or 2 h/wk in every science + 1 h/wk physics possible + optional lab work for 2 h/wk courses	<ul style="list-style-type: none"> optional lab formation is not organised in every school 30 or more pupils / class recommended 16 pls/class for lab work 		
	Confessional Science 3 h/wk or Science 6 h/wk + 1 or 2 h/wk complementary course	<ul style="list-style-type: none"> Every science represent 1/3 of the course 30 or more pupils / class 		
Technical sec school	2 ^d degree 7 to 10 h/wk including 2 to 4 h/wk lab work 3 ^d degree 10 h/wk including 3 h/wk lab work and more in some specific sections like pharmaceutical sciences	<ul style="list-style-type: none"> <i>in public schools, equipment is provided by a technical centre</i> <i>lab technician in many schools</i> 		