



With the decision to build a facility especially designed for teaching the Sciences, the foundation for the expansion and advancement of science and educational opportunities at the German International School Washington D.C. was created. Today, children from grade 4 – grade 12 receive high-level instruction in Biology, Chemistry, Natural Science and Physics in this Science building.

	Natural Sciences	Biology	Chemistry	Physics	Applied Science
	“Water for specialists, bodies and activity, senses and perception” are just three of the eight topics that are covered here.	From single cell to multicellular organisms, human metabolism, organisms in their environment, enzymes as biocatalysts, behavioral biology, neurophysiology, molecular genetics and much more is covered in bilingual instructional modules.	Separating compounds, the fundamental laws of chemistry, organic compounds, electrochemistry, orbital models, acids and bases are a few examples of the of topics that will be covered in Chemistry class.	Thermodynamics, kinetics, electricity and mechanics are the topics that our Physics class covers.	Students learn how to build a weather station, they work with electronics, solar energy, forensic methods and they explore their own scientific questions by conducting various experiments.
Grade 4	one hour				
Grade 5	three hours				
Grade 6	three hours				
Grade 7		one hour	one hour	two hours	
Grade 8		two hours	two hours	one hour	two hours
Grade 9		two hours	two hours	two hours	two hours
Grade 10		three hours	three hours	three hours	
Grade 11		three hours	three hours	three hours	
Grade 12		three hours	three hours	three hours	



EXTRACURRICULAR PROGRAM

In addition, our students have the opportunity to hone their scientific abilities and skills in our extracurricular program. For example, “Lab Science Experiments” is a science project competition for grades 4/5 and 6/7.

This program gives our students the opportunity to research problems and questions that interest them under professional direction.

