



We've Gone from Ideas to Realities

iNERDE's Colonie De Vacances STEM Week One Recap & Preview of Week Two



iNERDE's Colonie de Vacances STEM just finished up its first week in Bamako! So far the iNERDE team in Mali, comprised of Mohamed Kante, Christian Vlcek, Nadia Famularo, & Rebecca Brosseau, have introduced the students to each of the STEM fields and how they are used in our daily lives, built parachutes and gliders, and brought in several inspiring guest speakers to talk about their careers in STEM.

"The highlight of my week was hearing the screams of excitement as our "nerds-in-the-making" launched their gliders off the balcony. The looks on their faces were a great reward for the hours of preparation we've done, and I continue to be inspired by their curiosity and eagerness to share what they've learned about STEM." - Nadia Famularo, iNERDE Empowerment Agent

Day 1 - Intro to Science



iNERDE Empowerment Agent Rebecca Brosseau gives students an idea of what science is and how it is used in our daily lives.



After just learning about air resistance, Mohamed tests out his custom made parachute

Day 2 - Intro to Technology

Students are surprised when iNERDE's Christian Vlcek shows them how to use photo filters in Photoshop.



The iNERDE class puts on their best "nerd" faces!



Day 3 - Intro to Engineering



Christina & Méry get ready to test fly their custom designed cardboard airplanes.



iNERDE's Rebecca Brosseau uses Doussou's crafty airplane design as an example to explain the basics of aerodynamics and design to the iNERDE class.

Day 4 - Intro to Mathematics

iNERDE's Mohamed Kante, helps Alimatou & Allaye with addition of fractions.



Baro, Moulaye, Moussa, Mohamed, and Allaye (clockwise from bottom left) work together on a math puzzle.



Week Two Curriculum Sneak Peek

Week 2: Could the lab be a home to us?

Time + Session	Monday, June 16	Tuesday, June 17	Wednesday, June 18	Thursday, June 19
Session 1 10-10:50AM	Physics Lab Exp1: Marshmallow catapult (Forces)	Chemistry Lab Exp1: Invisible Ink with Lemon Juice	Natural science Lab Exp1: How to measure pulses/heart rate. Why is it important to take these measurements? Exp2: Egg drop	Tech/Engineering Lab A1: Make your own robot
Break Session	<i>Read a book to the class</i>	<i>Make friendship bracelets</i>	<i>Play jump rope</i>	<i>Play a group game</i>
Session 1 [con't] 11:05-12PM	Exp2: Balloon Air pressure Magic (Pressure, Gravity, Density) Exp3: Water Magnifier (Optics)	Exp2: Build your own Salt Crystals Exp3: Sugar dissolving in water	Exp3: Taste Without Smell Exp4: Does an Orange sink or float (Density, Nature)	Build a Bridge
Lunch 12:00 -12:55PM	<i>Riz blanc avec sauce yassa</i>	<i>Brochettes avec logo ou pomme de terre</i>	<i>Boulette avec logo ou pomme de terre</i>	<i>Djougua avec poulet ou viande</i>
Session 2 1-1:50PM	Exp4: String telephone project (Sound, waves)		Exp4: Make a rain gauge	Visit Orange Mali
Break Session	<i>Play dodge ball</i>	<i>Play soccer</i>	<i>Play basketball</i>	
Session 2 [con't] 2:05-2:45PM	Exp5: Measure the Speed of the wind		Exp5: Know thy body	

A quick sneak peek at what's in store for the students during week two of iNERDE's Colonie De Vacances STEM!

Starting this week, the team will be tweeting live updates from the camp. Follow us on twitter to keep up to date with the camp's activities!

Help us ignite Radical Development in Africa by contributing to iNERDE today

What is iNERDE?

iNERDE is a social enterprise, founded by young Africans from several countries studying and working in the U.S., and North Americans, dedicated to unleashing the innovative abilities of Africans needed for radical development throughout the continent. Our primary tool is new education which develops and affirms the aptitude of Africans for creativity, problem-solving, innovation, and entrepreneurship.

We focus on STEM education because STEM is the economic engine of the modern world and every world citizen needs to be technically literate to flourish. African youth have the same, or perhaps more, need and right to education in STEM as young people in the countries presently leading in technology. STEM knowledge will be the basis of economic development in Africa and will create a new landscape of opportunity for Africans. iNERDE is holding its first pilot STEM Colonie de Vacances (Summer Camp) in Mali this summer.

This model will be expanded to a growing number of camps across the continent in the coming years. iNERDE will work with local schools and educational organizations to distribute its curriculum, train teachers, and provide year-round mentorship to contribute to an enduring transformation of African education and economic development. As this movement grows, iNERDE aims to also grow as a resource for African entrepreneurs in the STEM fields and will help to forge partnerships between Africans and enterprises in North America and throughout world.

Welcome to iNERDE, welcome to our vision of a vibrant, new, STEM-savvy Africa. We invite you to learn more about our mission on our webpages. We invite you to share our passion, our commitment, and to join us in transforming Africa and transforming the world through our belief in the unlimited potential of every human being.

<http://www.inerde.org>

