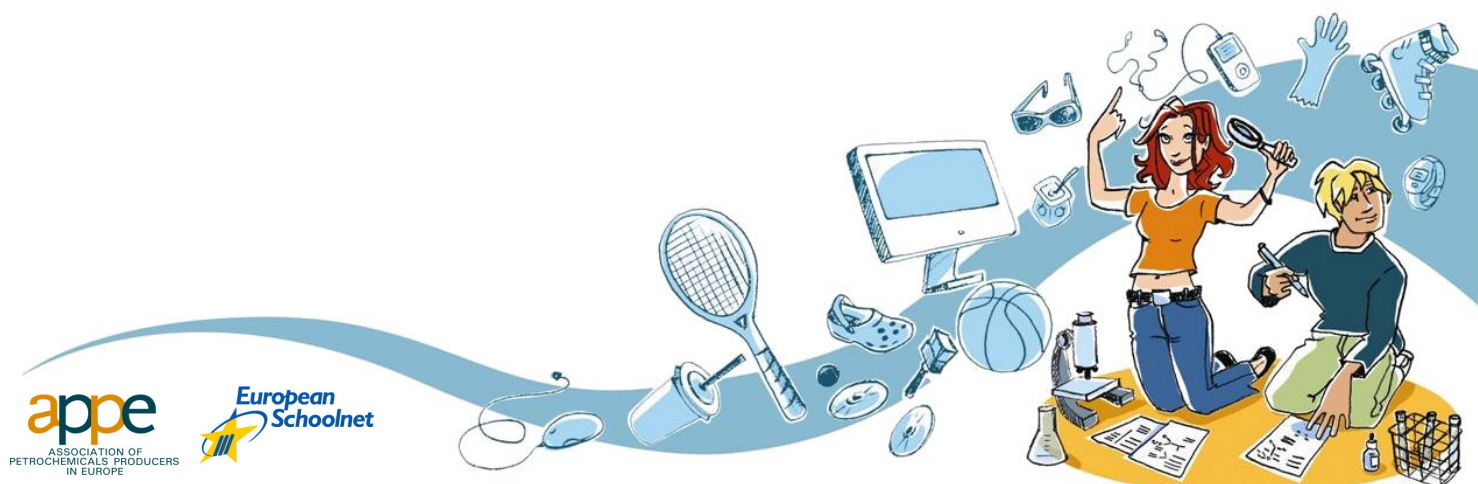




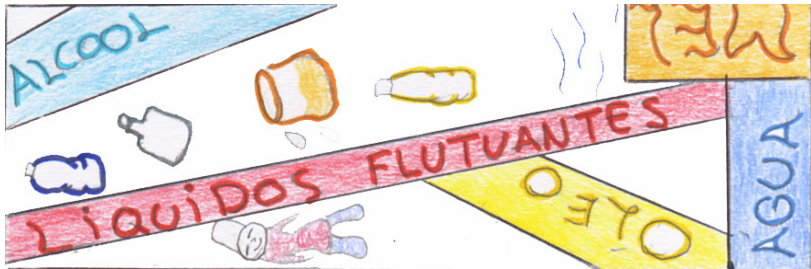
Xperimania 2008-09

Check out the property!


Top 50
(in a random order)



Xperimania II – Check out the property!
Top 50

Entry nr 1	
Title	A densidade dos materiais e dos líquidos.
Author:	Nuno S. & Alexandre V., PORTUGAL
Description	The density of some liquids and plastics. We wanted to know the different density of materials and compare it with some liquids.
Property	Lightweight
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/840-090521-101428im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/699-090521-101428im1.wmv</p>


Xperimania II – Check out the property!
Top 50

Entry nr 2	
Title	A poliuretán hab hőszigetelő tulajdonságának vizsgálata
Author:	Norbert B., Noémi P. & Tamás T., HUNGARY
Description	We have investigated heat isolate property of polyurethane foams.
Property	Energy efficient
Material	Polyurethane foam
Age group	10-14
Lab report / Attachments	<div data-bbox="470 768 1035 1191"></div> <div data-bbox="470 1227 1358 1301">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/195-090310-082620im1.ppt</div> <div data-bbox="470 1337 1358 1411">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/310-090310-082621im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 3	
Title	Badanie właściwości: odporność na wodę
Author:	Paweł J., Karolina K. & Tomasz W., POLAND
Description	Resistance to water was shown in the experiment where sand was impregnated with a substance containing fluorinated polymers and other synthetics - in the result after being mixed with water it remained dry.
Property	Water resistant
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 840 1062 1283"></div> <div data-bbox="469 1317 1359 1391">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/595-090522-023055im1.doc</div> <div data-bbox="469 1426 1359 1500">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/72-090522-023055im1.wmv</div>


Xperimania II – Check out the property!
Top 50

Entry nr 4	
Title	Determination viscosity of liquids
Author:	Stela V. & Sevgi M., BULGARIA
Description	In our report we show the viscosity of different liquids with different densities.
Property	Binding agent
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 766 1035 1189"></div> <div data-bbox="469 1227 1359 1301">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/504-090524-072730im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 5	
Title	Efektywne wykorzystanie energii
Author:	Karolina K. & Agnieszka B., POLAND
Description	The heat conductivity of cork, foamed polystyrene and polyurethane foam was examined in the experiment with calorimeter. The applications of these materials were discussed.
Property	Ice protection
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 844 1062 1283"></div> <div data-bbox="469 1319 1359 1395">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/158-090522-093417im1.doc</div>


Xperimania II – Check out the property!
Top 50

Entry nr 6	
Title	Elastic!
Author:	Klaudia Ž., Alexandra Ž. & Erika G., SLOVAKIA
Description	Difference between gloves or rubbed bands made from natural latex, and gloves or other stuff made out of synthetic materials.
Property	Elasticity
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="469 801 916 1137">A photograph showing three students, two girls and one boy, sitting at a table covered with a blue cloth. They are engaged in a science experiment. The boy on the left is wearing a yellow shirt, the girl in the middle is wearing a purple shirt, and the girl on the right is wearing a red shirt. They are looking towards the camera. There are various materials and equipment on the table, including what looks like a small container and some papers. In the background, other people can be seen, suggesting a workshop or competition setting.</div> <div data-bbox="469 1173 1358 1249">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/895-090518-101333im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 7	
Title	Elektromos Motor
Author:	Vladislav M., Stella A. & Renata R., HUNGARY
Description	Electric Motor
Property	Electrical insulation
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 734 940 1081"></div> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/537-090415-092541im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/973-090415-092540im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/155-090415-092541im1.swf</p>


Xperimania II – Check out the property!
Top 50

Entry nr 8	
Title	Ice melt
Author:	Edijs K., Gints Mārtiņš I. & Imants K., LATVIA
Description	How quickly does an ice cube melt on different materials? Experiment with ice cubes and paper, rubber glove, winter glove, kitchen glove and bare hands.
Property	Ice protection
Material	Other
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/591-090520-123925im1.ppt</p>


Xperimania II – Check out the property!
Top 50

Entry nr 9	
Title	Badanie wytrzymałości materiałów - zmiana właściwości w czasie
Author:	Artur D. & Dariusz H., POLAND
Description	Why are we investigating the materials' endurance? The line which is used to fishing has got different properties than the line that is used in climbing.
Property	Toughness
Material	Polypropylene fibers
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/413-090519-103937im1.ppt</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/453-090519-103936im1.pdf</p>


Xperimania II – Check out the property!
Top 50

Entry nr 10	
Title	Investigating plastics capacity for soundproofing
Author:	Marta B. & Gemma C., SPAIN
Description	Using different type of plastics (thermoplastics and thermo sets), we wanted to find out which plastics from these two groups show better capacity for soundproofing.
Property	Insulation
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="469 801 1037 1227"></div> <div data-bbox="469 1263 1358 1559"><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/728-090522-103716im1.doc</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/727-090522-103716im1.jpg</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/984-090522-103716im1.wmv</p></div>

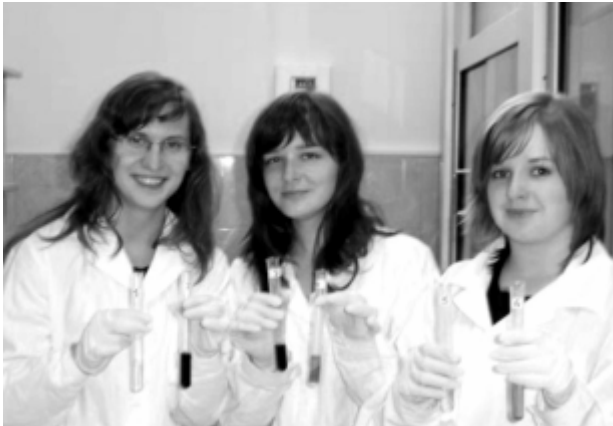
Xperimania II – Check out the property!
Top 50

Entry nr 11	
Title	Isolation électrique
Author:	Florian C., Victor B. & Arthur N., FRANCE
Description	The aim of the described experiment consists of proving that PVC is an electric insulator. The pupils used a mounting with a battery, bare wires, a light-bulb, a piece of scotch tape and crocodile clips. The method used to describe the experiment is the OHERIC method (observe, make hypothesis, experiment, give results and make an interpretation and conclude).
Property	Electrical insulation
Material	Polyvinyl chloride
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/308-081121-090126im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/548-081121-090126im1.jpg</p>


Xperimania II – Check out the property!
Top 50

Entry nr 12	
Title	Izolatori Electrici
Author:	Rareş Alexandru B., Ovidiu Cristian D. & Horea Nicolae H., ROMANIA
Description	Materials that do not allow passage of electric current are electrical insulators.
Property	Electrical insulation
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 801 1109 1220"></div> <div data-bbox="470 1254 1358 1556"><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/194-090428-064739im1.doc</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/771-090428-064739im1.ppt</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/41-090428-064739im1.doc</p></div>


Xperimania II – Check out the property!
Top 50

Entry nr 13	
Title	Kwas vs. materiały petrochemiczne – odporne czy nieodporne?
Author:	Izabela P., Aleksandra M. & Klaudia G., POLAND
Description	In the experiment the students investigated the resistance of various petrochemical materials to hydrochloric acid: PCV, nylon, polystyrene, as well as some natural materials. The experiment was recorded and the film is available.
Property	Solvent resistant
Material	Nylon, polyvinyl chloride
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/223-090520-121655im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/715-090520-121655im1.wmv</p>


Xperimania II – Check out the property!
Top 50

Entry nr 14	
Title	Resistance to the traction of textile fibres
Author:	Èlia C., & Elisabet D., SPAIN
Description	The experiment consists on comparing the loss of resistance to the traction of several textile fibres after being treated with a basis like NaOH.
Property	Toughness
Material	Nylon fibers, polyester fiber, polyurethane fibers, rayon
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/362-090521-070625im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/857-090521-063821im1.ppt</p>

Xperimania II – Check out the property!
Top 50

Entry nr 15	
Title	Folyadék Mágnes
Author:	Annya C. & Song Y.S., HUNGARY
Description	<p>Making Liquid Magnet.</p> <p>A liquid magnet or ferrofluid is a colloidal mixture of magnetic particles in a liquid carrier. The carrier contains a surfactant to prevent the particles from sticking together. A typical ferrofluid is about 5% magnetic solids, 10% surfactant, and 85% carrier.</p>
Property	Oil resistant
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/274-090504-010323im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/84-090504-010323im1.swf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/688-090504-010323im1.swf</p>


Xperimania II – Check out the property!
Top 50

Entry nr 16	
Title	La plastica di latte
Author:	Daniele M., Giuseppe B. & Gianluca L, ITALY
Description	Milk plastic
Property	Insulation
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 734 1088 1086"></div> <div data-bbox="470 1122 1358 1196">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/266-090507-104910im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 17	
Title	Hårdhet av olika plaster
Author:	Henry Y. & Oliver I-Å., SWEDEN
Description	It's a lab report about the hardness of different kind of polymers.
Property	Hardness
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 770 941 1120"></div> <div data-bbox="470 1153 1359 1232">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/2-090508-022118im1.ppt</div> <div data-bbox="470 1265 1359 1344">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/292-090508-022117im1.jpg</div>


Xperimania II – Check out the property!
Top 50

Entry nr 18	
Title	Ledus izturību
Author:	Rūta S., Laine X. & Ilva M., LATVIA
Description	How quickly does an ice cube melt on different materials? An experiment with ice cube and rubber glove, snow glove, kitchen glove, paper and bare hands.
Property	Ice protection
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="470 804 965 1171"></div> <div data-bbox="466 1205 1358 1279">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/232-090520-125130im1.ppt</div>


Xperimania II – Check out the property!
Top 50

Entry nr 19	
Title	Resistance to bases
Author:	Sébastien P. & Joseph S., FRANCE
Description	The resistance to bases of natural and synthetic materials has been tested. The study begins with observations and emission of hypothesis followed by experiments, results interpretation and conclusions.
Property	Easy clean
Material	Nylon fibers
Age group	15-20
Lab report / Attachments	<div data-bbox="470 842 963 1209"></div> <div data-bbox="470 1245 1358 1317">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/291-090514-094600im1.odt</div> <div data-bbox="470 1355 1358 1426">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/567-090514-094559im1.jpg</div>


Xperimania II – Check out the property!
Top 50

Entry nr 20	
Title	Hetet egy csapásra - Kalandok a savas eső körül
Author:	Tamara P. & Ágota U., HUNGARY
Description	Kill seven birds with one stone - Adventures around the acid rain. During the experiment students produced the acid rain components (H_2CO_3 , H_2SO_3 , HNO_2 , HNO_3) and analyzed immediately its acid intensity.
Property	Air cold protection
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="478 840 997 1227"></div> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/882-090519-070206im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/796-090519-070206im1.avi</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/554-090519-070206im1.swf</p>

Xperimania II – Check out the property!
Top 50

Entry nr 21	
Title	Light
Author:	Nikola S., Martina G. & Anna S., CZECH REPUBLIC
Description	Use of flexibility of plastics.
Property	Unbreakable
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 734 917 1064">A photograph showing three students sitting at a table. Two girls in the foreground are looking at a piece of paper, while a boy in the background is also looking at it. They are all wearing blue lanyards.</div> <div data-bbox="470 1097 1359 1176">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/971-090518-102523im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 22	
Title	Luftkissen als Dämmstoff
Author:	Peter-Josef Sch., Florian K. & Jannick G., GERMANY
Description	Our subject is the thermal insulation of buildings. So we investigated the decrease of water temperature with bubble wrapped paper in comparison with sand and without any material.
Property	Insulation
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/998-090520-105731im1.odp</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/11-090520-105730im1.wmv</p>


Xperimania II – Check out the property!
Top 50

Entry nr 23	
Title	Izolarea termica
Author:	Elisa B., Roxana C. & Bogdan S., ROMANIA
Description	Insulating buildings stops heat from escaping through walls, ceilings and windows. We are going to find out which material is the best thermal insulator.
Property	Energy efficient
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="469 801 1059 1079" data-label="Image">A photograph of three students (two girls and one boy) sitting at a wooden table in a laboratory or classroom setting. They are surrounded by various pieces of equipment, including what looks like a small stove or heater, and some containers. The students are smiling at the camera.</div> <div data-bbox="469 1115 1359 1303" data-label="Text"><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/239-090501-031155im1.doc</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/591-090501-031155im1.zip</p></div>


Xperimania II – Check out the property!
Top 50

Entry nr 24	
Title	O que conduz a corrente eléctrica?
Author:	Teresa R. & Maria S., PORTUGAL
Description	What conducts electricity? We wanted to know which of the selected materials let electrical energy pass.
Property	Electrical insulation
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/426-090521-091517im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/753-090521-091517im1.wmv</p>


Xperimania II – Check out the property!
Top 50

Entry nr 25	
Title	Palloncini d'acqua
Author:	Daniele C., Roberto D. & Gabriele L., ITALY
Description	Problem: How can we compare the thermal capacity of air and water? Hypothesis: We could try to observe their behaviour in heat using balloons!
Property	Heat resistance
Material	Other
Age group	10-14
Lab report / Attachments	 <p>The image shows three young boys in a classroom setting. They are standing behind a white table. The boy on the left is wearing a purple t-shirt with the number '72'. The boy in the middle is wearing a green and white striped shirt and is holding a small red balloon. The boy on the right is wearing a black and white striped shirt and is holding a blue balloon. On the table, there is a Bunsen burner with a flame, a glass beaker, and some other small objects. In the background, there are whiteboards and a poster on the wall.</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/41-090521-072542im1.pdf</p>


Xperimania II – Check out the property!
Top 50

Entry nr 26	
Title	Rezistența fibrelor naturale și artificiale la acțiunea bazelor tari
Author:	Giorgiana G., Emiliana P. & Larisa R., ROMANIA
Description	Wool fibers and acetate reacts with 10% NaOH solution. Fibers from cotton, nylon, 80% nylon, 20% elastane, and one that contains 100% polyamide are resistant to the action of NaOH.
Property	Strength
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/428-090429-072333im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/832-090429-072333im1.ppt</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/409-090429-072333im1.doc</p>


Xperimania II – Check out the property!
Top 50

Entry nr 27	
Title	Preizkus lastnosti zaščitnih rokavic iz neoprena
Author:	Aleš H., Matej K. & Polona D., SLOVENIA
Description	Neoprene protective gloves are used in work with chemical materials, though they do not protect against high temperatures. Test has included check of its inflammability etc.
Property	Solvent resistant
Material	Neoprene rubber
Age group	15-20
Lab report / Attachments	<div data-bbox="469 840 986 1227"></div> <div data-bbox="469 1263 1359 1339">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/862-090420-073007im1.doc</div>


Xperimania II – Check out the property!
Top 50

Entry nr 28	
Title	Properties of plastic: Elasticity
Author:	Mariq D. & Radina Th., BULGARIA
Description	In the report is presented a method for determination of the module of Young of plastics. The calculations are done and the module of Young is determined.
Property	Elasticity
Material	High density polyethylene
Age group	15-20
Lab report / Attachments	 <p> http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/527-090522-050112im1.pdf http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/259-090522-050112im1.gif </p>


Xperimania II – Check out the property!
Top 50

Entry nr 29	
Title	Propiedades de los plásticos petroquímicos: absorbents
Author:	Jessica H. & Laura M., SPAIN
Description	Comparison between sanitary napkins and paper for absorbing liquids.
Property	Water resistant
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 766 868 1064"></div> <div data-bbox="469 1099 1359 1176">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/163-090524-063853im1.pdf</div>


Xperimania II – Check out the property!
Top 50

Entry nr 30	
Title	Biodízel gyártásánál fellépőhiányosságok kezelése, valamint új, esetleges bioüzemanyagok előállítása
Author:	Egon K., Szabolcs T. & Tamás A., HUNGARY
Description	Study and treatment of the deficiency occurred during the bio diesel fabrication. Fabrication of bio diesel fuel.
Property	Safety agent
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 804 987 1189" data-label="Image"></div> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/651-090501-123524im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/583-090501-123523im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/304-090501-123524im1.jpg</p>


Xperimania II – Check out the property!
Top 50

Entry nr 31	
Title	Combustão - Como ardem os Materiais?
Author:	David S. & João R., PORTUGAL
Description	Combustion– How do different materials burn? We would like to know how the different materials react to heat, so we tried it during 20 seconds for each material and compare results.
Property	Heat resistance
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="470 806 893 1086"></div> <div data-bbox="470 1120 1359 1310"><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/542-090521-094923im1.pdf</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/643-090521-094923im1.wmv</p></div>

Xperimania II – Check out the property!
Top 50

Entry nr 32	
Title	Weerstand tegen zuren
Author:	Kirsten D. & Tanja V., BELGIUM
Description	Resistance to acids
Property	Increase safety
Material	Solvent
Age group	15-20
Lab report / Attachments	<div data-bbox="470 732 989 1115"></div> <div data-bbox="470 1153 1358 1227">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/104-090510-055956im1.doc</div>


Xperimania II – Check out the property!
Top 50

Entry nr 33	
Title	Research of the resistance of different fabrics to acids
Author:	Lidia V. & Rocío G., SPAIN
Description	The main purpose of our project was to investigate the behaviour of different fabrics when exposed to hydrochloric acid.
Property	Toughness
Material	Nylon
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/29-090520-054114im1.ppt</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/457-090520-054114im1.jpg</p>


Xperimania II – Check out the property!
Top 50

Entry nr 34	
Title	Researching air and cold protection qualities of different fibers
Author:	Artur S., Aleksandr I. & Jekaterina S., LITHUANIA
Description	We researched cold protection qualities of different fibers and if their cold protection qualities depend from humidity of the fiber.
Property	Air cold protection
Material	Polyester fiber
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/1000-090520-071639im1.doc</p>

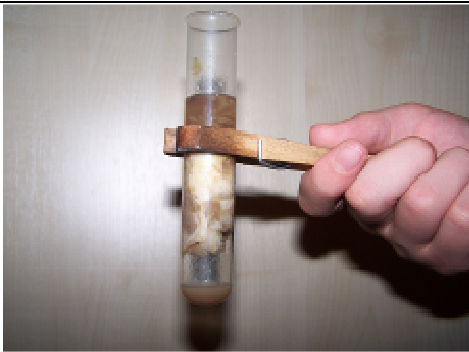
Xperimania II – Check out the property!
Top 50

Entry nr 35	
Title	Résistance aux acides
Author:	Brendan M. & Jonathan H., FRANCE
Description	We made an experiment about the contact between tissues and an acid. We had noticed different reactions, but to complete this experiment, we must test the same tissues with another acid.
Property	Durability
Material	Polyester fiber
Age group	15-20
Lab report / Attachments	<div data-bbox="469 840 916 1176"></div> <div data-bbox="469 1211 1358 1285">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/262-090516-060208im1.odt</div> <div data-bbox="469 1321 1358 1395">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/493-090516-060208im1.jpg</div>


Xperimania II – Check out the property!
Top 50

Entry nr 36	
Title	Rozciągliwość folii polietylenowej
Author:	Dorota D. & Michał D., POLAND
Description	In the experiment the tensility of a poliethylene foil was investigated. The charts illustrate the results, and conclusions were drawn.
Property	Flexibility
Material	Polyethylene
Age group	15-20
Lab report / Attachments	<div data-bbox="504 792 901 1093"></div> <div data-bbox="466 1137 1359 1211">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/497-090522-061810im1.pptx</div>


Xperimania II – Check out the property!
Top 50

Entry nr 37	
Title	Säureresistenz eines Pansens
Author:	Alicius S. & Bernicia S., GERMANY
Description	The stomach of a goat is resistant against hydrochloric acid.
Property	Solvent resistant
Material	Other
Age group	10-14
Lab report / Attachments	<div data-bbox="480 696 951 1046"></div> <div data-bbox="466 1079 1359 1155">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/816-090523-120415im1.odt</div>


Xperimania II – Check out the property!
Top 50

Entry nr 38	
Title	Teste à aderência do vidro em diferentes superfícies
Author:	Ana P., Catarina R. & Melanie M., PORTUGAL
Description	Our work was developed with the objective of test the adhesion of a sample of glass in different surfaces. The procedure was to drag the sample through the surfaces with a diognometer.
Property	Gripping agent
Material	Epoxy resins
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/711-090522-013144im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/814-090522-013144im1.avi</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/15-090522-013144im1.ppt</p>


Xperimania II – Check out the property!
Top 50

Entry nr 39	
Title	The energetic efficiency of 'expanded polistirolo'
Author:	Maria M., Lucia F. & Sabrina M., ITALY
Description	The material that we have studied here is the 'expanded polistirolo': this possesses many interesting properties such as resistance from the heat or the cold or high resistance fro
Property	Energy efficient
Material	Other
Age group	10-14
Lab report / Attachments	 http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/192-090516-113958im1.pdf http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/699-090516-113957im1.pdf http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/912-090516-113958im1.xls


Xperimania II – Check out the property!
Top 50

Entry nr 40	
Title	The Beauty of Polymer Clay
Author:	Margred K., Meriliis K. & Indrek V., ESTONIA
Description	Developed tests to investigate the properties of polymer clay.
Property	Heat resistance
Material	Polyvinyl chloride
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/637-090521-075940im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/989-090521-075940im1.ppt</p>


Xperimania II – Check out the property!
Top 50

Entry nr 41	
Title	The burning of natural and synthetic fibers
Author:	Mihaela S. & Ciprian C., ROMANIA
Description	The aim of the project: observing different properties of both natural and synthetic fibers through burning
Property	Heat resistance
Material	Nylon fibers
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/754-090506-074341im1.doc</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/673-090506-074341im1.ppt</p>


Xperimania II – Check out the property!
Top 50

Entry nr 42	
Title	The Impact of NaOH on Natural and Artificial Materials
Author:	Antonio Z., Mario M. & Luka O., CROATIA
Description	Artificial materials are more stable to alkalis and are, therefore, used for the production of uniforms, umbrellas and dresses. Natural materials are more sensitive to alkalis.
Property	Solvent resistant
Material	Cellulose acetate, nylon, polyester
Age group	15-20
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/234-090423-025202im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/600-090423-025202im1.pdf</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/183-090423-021537im1.mpg</p>


Xperimania II – Check out the property!
Top 50

Entry nr 43	
Title	The Water Absorbent Property of the Disposable Nappy
Author:	Jack M. & Nicola B., UNITED KINGDOM
Description	We found out about the water absorbent properties of disposable nappies. We learned that sodium polyacrylate is the substance which makes the nappies water absorbent and tested it
Property	Binding agent
Material	Other
Age group	10-14
Lab report / Attachments	 <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/458-090521-115651im1.ppt</p> <p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/473-090521-115651im1.jpg</p>


Xperimania II – Check out the property!
Top 50

Entry nr 44	
Title	Thermal conductivity
Author:	Madalina D. & Lucia I. & Diana L., ROMANIA
Description	Thermal conductivity is the physical size that characterizes the ability of a material to transmit heat when subjected to a temperature difference
Property	Insulation
Material	Other
Age group	15-20
Lab report / Attachments	<div data-bbox="469 801 941 1238"></div> <div data-bbox="469 1272 1358 1346">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/818-090521-033914im1.doc</div> <div data-bbox="469 1384 1358 1458">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/550-090521-033913im1.wmv</div>


Xperimania II – Check out the property!
Top 50

Entry nr 45	
Title	Resistance to acids
Author:	Undīne D., Laura S. & Sandra Z., LATVIA
Description	Heating of different fabrics mixed with chemicals - what happens?
Property	Stability
Material	Nylon
Age group	15-20
Lab report / Attachments	<div data-bbox="469 768 963 1137">A photograph showing a person's hands holding a test tube containing a purple liquid. A piece of purple fabric is being held next to the test tube, likely to demonstrate its resistance to the acid. The background shows a laboratory setting with a wooden table and various equipment.</div> <div data-bbox="469 1173 1358 1249">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/562-090520-013715im1.ppt</div>


Xperimania II – Check out the property!
Top 50

Entry nr 46	
Title	UGOTAVLJANJE POLOŽAJA KOVIN V ELEKTRONAPETOSTNI VRSTI
Author:	Lučka B. & Sara B., SLOVENIA
Description	The purpose of this experiment is to illustrate some of redox reactions by simple reactions between metals and solutions of salts.
Property	Stability
Material	Other
Age group	15-20
Lab report / Attachments	 http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/141-090521-035429im1.pdf


Xperimania II – Check out the property!
Top 50

Entry nr 47	
Title	Verbranding
Author:	Yanah R., Tina V. & Melissa V., BELGIUM
Description	Combustion: to investigate the combustion of 7 different materials.
Property	Increase safety
Material	Other
Age group	15-20
Lab report / Attachments	 http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/645-090510-055336im1.doc

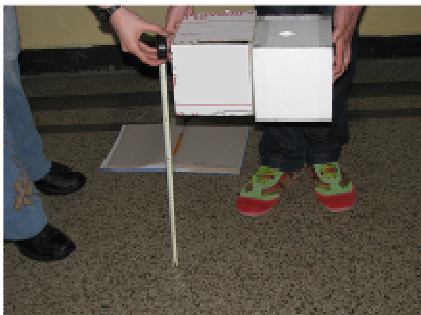
Xperimania II – Check out the property!
Top 50

Entry nr 48	
Title	Which polymer is the best thermal insulation material for hot water?
Author:	Maria A. & Nikolaos K., GREECE
Description	For every insulation material, 300g of distilled water was placed in a glass beaker and heated to boil. Then the beaker was placed in the insulation material and left to cool down.
Property	Insulation
Material	Polyurethane foam
Age group	15-20
Lab report / Attachments	<div data-bbox="469 840 963 1182"></div> <div data-bbox="469 1220 1358 1294">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/318-090407-065056im1.pdf</div> <div data-bbox="469 1332 1358 1406">http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/780-090407-065056im1.zip</div>

Xperimania II – Check out the property!
Top 50

Entry nr 49	
Title	Wytrzymałość na uderzenia
Author:	Rafał L., Piotr F. & Kamil K., POLAND
Description	This experiment proves how popular plastics are due to their durability and versatility. These properties can be used for wrapping up delicate materials such as china, etc.
Property	Impact resistance
Material	Polyethylene
Age group	15-20
Lab report / Attachments	<div data-bbox="470 804 916 1137"></div> <div data-bbox="470 1176 1358 1467"><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/243-090521-085505im1.doc</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/245-090521-085505im1.ppt</p><p>http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/704-090521-090225im1.wmv</p></div>

Xperimania II – Check out the property!
Top 50

Entry nr 50	
Title	Изследване на повишаване на удароустойчивостта чрез стиропор
Author:	Михаела Т., Лора Т. & Цветелина Р., BULGARIA
Description	Increasing the impactability of Stiropor. A comparative experiment is done in order to estimate the usefulness of the stiropor for package.
Property	Impact resistance
Material	Polystyrene resins
Age group	15-20
Lab report / Attachments	 http://www.xperimania.net/shared/app_uploads/xperimania//multimedia/511-090522-035051im1.ppt